

Cambridge Waste Water Treatment Plant Relocation Project
Anglian Water Services Limited

Addendum to the Environmental Statement

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1 Introduction

1.1 Background

- 1.1.1 On 28th April 2023, Anglian Water Services Limited (hereafter referred to as ‘the Applicant’) submitted an application for a Development Consent Order (DCO) under the Planning Act 2008 (hereafter referred to as ‘the DCO application’) to the Planning Inspectorate, the body appointed to consider, examine and report on such applications on behalf of the Secretary of State. The Secretary of State who will be responsible for determining this DCO application will be the Secretary of State for Environment, Food & Rural Affairs. The DCO application was accepted for examination on 24th May 2023.
- 1.1.2 The Applicant is seeking development consent for relocation of the existing Cambridge Waste Water Treatment Plant (WWTP), currently operating at Cowley Road, Cambridge, to a new site between Horningsea, Fen Ditton and Stow cum Quy, adjacent to the A14 in Cambridgeshire (hereafter referred to as the ‘Proposed Development’).
- 1.1.3 On 21st September 2023, the Applicant notified the Planning Inspectorate of their intention to submit a request to change the DCO application [AS-006]. The change is to reduce the extent of the Order limits (hereafter referred to as “the Proposed Change”). This includes reduction of Works No. 33 and the refinement of the compound location to Works No. 34 (Application Document Ref. 4.3.0). This Environmental Statement (ES) Addendum has been prepared to assess the Proposed Change to the Order Limits and whether this changes the significance of effects as concluded in the ES submitted with the DCO application.

1.2 Scope of the ES Addendum

- 1.2.1 The ES Addendum should be read in conjunction with the ES submitted with the DCO application (hereafter referred to as ‘the Original ES’).
- 1.2.2 The ES Addendum considers how the Proposed Change affects the assessments and conclusions reached as part of the Original ES. This ES Addendum does not consider changes in legislation or baseline conditions. If there are no materially different effects, i.e. if no significant change to an assessment is presented as part of the ES Addendum, then the conclusions reached as part of the Original ES assessment remain valid.
- 1.2.3 Throughout this ES Addendum, references are given to the Examination Library numbers assigned by the Examining Authority (identified within square brackets, e.g. [APP-xxx] for information previously accepted for examination and to the Applicant’s document numbers (‘Application Document Ref.’ numbers) for documents that have yet to be assigned an Examination Library number by the Examining Authority.
- 1.2.4 A glossary of terms and list of abbreviations used in this ES Addendum is provided within the Generic Glossary [APP-004].

- 1.2.5 The general assessment methodology and topic-specific methodologies, relevant legislation, policy and guidance, key assumptions and limitations set out in Original ES remain unchanged.

1.3 Consultation

- 1.3.1 As requested by the ExA, the Applicant has consulted with all parties with an interest in Plot 069a. Due to the changes proposed, which also affect Plots 070a and 071a, the Applicant consulted all of the parties with an interest in these plots (which are located within Works Nos. 33 and 34) and as identified within the Book of Reference [APP-014].
- 1.3.2 The Applicant consulted 22 identified consultees in total. All consultees were notified of the consultation by hand-delivered mail on 29 September 2023.
- 1.3.3 This is documented in further detail in the Order Limits Change Request Consultation Statement submitted with this change request (Document Reference 6.1.35).

1.4 Structure of the document

- 1.4.1 Section 2 of this ES Addendum describes the Proposed Change. Section 3 considers whether the Proposed Change affects the assessment within Original ES technical chapters and appendices. Section 4 provides a summary of the conclusions reached.

2 Project Description Change

2.1 Overview

- 2.1.1 The Proposed Change has arisen since the original DCO application submission as a result of the Applicant's ongoing engagement with SLC Rail, Waterbeach Development Company and other relevant parties. The Applicant is now in receipt of clear and updated plans showing the location of the new Waterbeach Railway Station (planning application approved 9th January 2020) and also confirming the proposed location of the new Waterbeach pumping station. The Examining Authority (ExA) will note from ES Chapter 2 Project Description [APP-034] that the rationale for the Order Limits in this area was due to the then unknown location of the new pumping station required for Waterbeach New Town (which does not form part of the DCO application).
- 2.1.2 Whilst the pumping station location is not completely finalised (planning permission is not yet granted), the Applicant understands that the intended location has been further refined following confirmation of the location of the new Waterbeach Railway Station and more detailed designs of the station and associated infrastructure. The refinement of that location by the Waterbeach Development Company means the Applicant has been able to review the extent of the Order Limits at the northern end of the Waterbeach transfer pipeline with a view to reducing the area of land required for the Proposed Development, including refining the location of the temporary compound.

2.2 Amendments to Order Limits

- 2.2.1 The Proposed Change results in the reduction in size of Works No. 33 (as shown on Works Plan Sheet 10 (Application Document Ref. 4.3.10)) to reduce the extent of the overlap with the proposed Waterbeach Railway Station.
- 2.2.2 The Order Limits have been reduced by 2.18ha. The Order Limits were previously 211.07ha, but as a result of the Proposed Change would reduce to 208.89ha. Updated Land Plans are provided with this change request (Application Document Ref. 4.4).
- 2.2.3 The revised Order Limits are shown in Appendix A. Any figures submitted previously within Books of Figures as part of the Original ES, should be reviewed with reference to the revised Order Limits in Appendix A.
- 2.2.4 The following figures have been updated and are submitted with this change request.
- Statutory and Non-statutory Designated Sites - Key Plan (Application Document Ref. 4.15.0, Revision 02)
 - Statutory and Non-statutory Designated Sites - Sheet 1 (Application Document Ref. 4.15.1, Revision 02)
 - Habitats and Water Bodies - Key Plan (Application Document Ref. 4.16.0, Revision 02)

- Habitats and Water Bodies - Sheet 1 (Application Document Ref. 4.16.1, Revision 02)
- Historic Environment - Key Plan (Application Document Ref. 4.17.0, Revision 02)
- Historic Environment – Sheet 1 (Application Document Ref. 4.17.1, Revision 02)

2.3 Construction compound changes

2.3.1 The Scheme Order Limits submitted as part of the DCO Application included the flexibility within Works No. 33 for a 100m x 100m construction compound. The location of the construction compound has now been refined to be located in the area identified as Works No.34 (as shown in Works Plan Sheet 10 (Application Document Ref 4.3.10)). The proposed construction accesses remain the same (as shown in Access and Traffic Regulation Order Plans Sheet 10 (Application Document Ref 4.7)).

2.3.2 This ES Addendum reviews whether the reduction in the Order Limits and the refinement of the construction compound changes the significance of effects as concluded in the Original ES submitted with the DCO application.

2.4 Operational changes

2.4.1 The Proposed Change has no impact on the layout of permanent assets, except for providing further certainty of the route of the Waterbeach transfer pipeline in this location. The Proposed Change has no impact on how the Proposed Development would be operated.

3 Changes to the Environmental Statement

3.1 Introduction

- 3.1.1 This section of the ES Addendum describes any changes in the Original ES required as a result of the Proposed Change.
- 3.1.2 An exercise has been completed to review the Proposed Change against each chapter and appendix within the Original ES and whether the Proposed Change would alter the outcomes of the assessment/appendix.
- 3.1.3 The results of this exercise are presented in Table 3.1.

Table 3.1: Review of the Proposed Change against each chapter/appendix of the Original ES

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
Chapter 1 Introduction	ES Chapter 1 Introduction [APP-033]	No	The general background and overview description of the Proposed Development remains as described and is not affected by the Proposed Change. No changes to this chapter are therefore required.
Chapter 2 Project Description	ES Chapter 2 Project Description [APP-034]	No	The Proposed Change involves the reduction of the Order Limits and refinement of the compound location. The broad project description given in ES Chapter 2 still applies. Table 3-2 in ES Chapter 2 provides the locations of the construction compounds. The refinement of the compound location is still within land to the east of Bannold Drove. No changes to Table 3-2 or the chapter are therefore required.
	Appendix 2.1 Code of Construction Practice Part A [APP-068]	No	The Proposed Change does not have the potential to change the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the mitigation measures proposed in this management plan.
	Appendix 2.2 Code of Construction Practice Part B [APP-069]	Yes	Section 3.4 of the Code of Construction Practice Part B has been updated to include reference to any site specific measures required as a result of any overlaps the developments construction activities being included with a detailed CEMP.
	Appendix 2.3 Outline Decommissioning Plan [AS-051]	No	The Proposed Change does not have the potential to change the outcome of this appendix because the Outline Decommissioning Plan provides an outline of how plant at the Existing WWTP will be decommissioned as part of the process to surrender the Existing WWTP's environmental permit. This is not relevant to the reduction of the Order Limits and refinement of the compound location.
	Appendix 2.4 Outline Commissioning Plan [AS-053]	No	The Proposed Change does not have the potential to change the outcome of this appendix because the Outline Commissioning Plan provides an outline of how plant at the Proposed WWTP will be commissioned. This is not relevant to the reduction of the Order Limits and refinement of the compound location.
	Appendix 2.5 Lighting Design Strategy [APP-072]	No	The Proposed Change does not have the potential to change the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not change the general approach to temporary and permanent lighting.

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
	Appendix 2.6 Mitigation Register [AS-055]	No	The Proposed Change does not have the potential to change the recommendations in this appendix, because the reduction of the Order Limits and refinement of the compound location do not materially change the mitigation measures given in each chapter of the Original ES.
	Appendix 2.7 Draft Construction Environmental Management Plan [AS-057]		The Proposed Change does not have the potential to change the recommendations in this appendix, because the reduction of the Order Limits and refinement of the compound location do not materially change the mitigation measures given in this management plan.
Chapter 3 Site Selection and Alternatives	ES Chapter 3 Site Selection and Alternatives [AS-018]	No	The Proposed Change is considered to be an extension of the design evolution process, but does not materially change this chapter. No changes to this chapter are therefore required.
	Appendix 3.1 Initial Options Appraisal [APP-074]	No	The Proposed Change is considered to be an extension of the design evolution process, but does not materially change the information in this appendix.
	Appendix 3.2 Stage 1 Site Selection Report – Initial Site Selection [APP-075]	No	The Proposed Change is considered to be an extension of the design evolution process, but does not materially change the information in this appendix.
	Appendix 3.3 Stage 2 Site Selection Report - Coarse Screening [APP-076]	No	The Proposed Change is considered to be an extension of the design evolution process, but does not materially change the information in this appendix.
	Appendix 3.4 Stage 3 Site Selection Report – Fine Screening [APP-077]	No	The Proposed Change is considered to be an extension of the design evolution process, but does not materially change the information in this appendix.
	Appendix 3.5 Stage 4 Site Selection Report – Final Site Selection [APP-078]	No	The Proposed Change is considered to be an extension of the design evolution process, but does not materially change the information in this appendix.

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
Chapter 4 Consultation	ES Chapter 4 Consultation [AS-020]	No	The Proposed Change does not have the potential to alter the outcome of this chapter because the reduction of the Order Limits and refinement of the compound location does not affect consultation previously completed for the Proposed Development. Consultation undertaken with all parties with an interest in Plot 069a, Plot 070a and Plot 071a is discussed in the Order Limits Change Request Consultation Statement (Document Reference 6.1.35). As discussed in section 1.3 of this ES Addendum, with reference to environment related statutory consultees, it is considered that the Proposed Change can be dealt with through the examination and that comments by statutory consultees can be sufficiently accommodated within the examination timetable.
	Appendix 4.1 Scoping Opinion [APP-079]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, since the reduction of the Order Limits and refinement of the compound location do not materially change the nature of the scheme for which an EIA scoping opinion was sought.
	Appendix 4.2 Scoping Report [APP-080]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, since the reduction of the Order Limits and refinement of the compound location do not materially change the nature of the scheme for which an EIA scoping opinion was sought.
Chapter 5 EIA Methodology	ES Chapter 5 EIA Methodology [AS-022]	No	The Proposed Change does not have the potential to alter the outcome of this chapter because the reduction of the Order Limits and refinement of the compound location do not affect the general assessment methodology, relevant legislation and assessment scope.
Chapter 6 Agricultural Land and Soils	ES Chapter 6 Agricultural Land and Soils [AS-024]	No	The Proposed Change does not have the potential to alter the outcome of this assessment. The assessment concluded that the effects of the Proposed Development on agricultural land required temporarily during construction of the Waterbeach transfer pipeline was moderate adverse (significant). Mitigation measures included minimising construction land take and reinstating land in accordance with the Code of Construction Practice [APP-068 and APP-069] and the Outline Soil Management Plan [APP-083]. The reduction of the Order Limits and refinement of the compound location do not change this conclusion, since this would only reduce the Order Limits by 2.18ha. The amount of best and most

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
			versatile (BMV) agricultural land temporarily required would remain over 20ha, which would still result in a moderate adverse (significant) effect.
	Appendix 6.1 Baseline Agricultural Land Classification [APP-081]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction in size of the Order Limits does not affect the baseline soils data and ALC surveys were focussed on the Proposed WWTP.
	Appendix 6.2 Agricultural Impact Assessment [AS-058]	No	The Proposed Change does not have the potential to alter the outcome of this appendix. Works No. 33 is identified as farm holding P025 (as shown in Figure 6.14 [APP-055]). Land from farm holding P025 is confirmed to be required temporarily for the construction of the Waterbeach transfer pipeline and that this would cause temporary severance that would render the land impractical to farm during construction. Despite the reduction in size of Works No. 33, it is still considered that Farm P025 would suffer temporary severance and would be impractical to farm. A moderate adverse (significant effect) was previously assessed and it is considered that this would remain.
	Appendix 6.3 Outline Soil Management Plan [AS-060]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction in the Order Limits does not affect the mitigation measures proposed in this management plan.
Chapter 7 Air Quality	ES Chapter 7 Air Quality [APP-039]	No	The Proposed Change does not have the potential to alter the outcome of this assessment. The construction phase air quality assessment was qualitative and concluded that, with mitigation measures in place (i.e. implementation of dust control measures within a CoCP and AQMP), residual effects would be negligible. The reduction in size of Works No. 33 does not change this conclusion.
	Appendix 7.1 Air Quality Assessment Method [APP-084]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction in size of the Order Limits does not affect the methodology or data used for the air quality assessment.
	Appendix 7.2 Dispersion Model Results [AS-062]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the dispersion modelling relates to the Proposed WWTP once operational. The reduction in size of Works No. 33 does not affect this appendix.
Chapter 8 Biodiversity	ES Chapter 8 Biodiversity [AS-026]	No	The Proposed Change does not have the potential to alter the outcome of this assessment. The reduction in size of Works No. 33 is relevant only to the

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
			construction phase of the Waterbeach transfer pipeline. Reptiles are present within the wider area surrounding Works No. 33. Impacts to reptiles will continue be managed through a Reptile Mitigation Strategy, which will include a strengthened commitment to co-ordinate the approach taken between the Applicant and the developer of the Waterbeach Railway Station. With these mitigation measures in place, residual effects are still neutral.
	Appendix 8.1 Aquatic Technical Appendices [APP-086]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.2 Hedgerow Baseline Technical Appendix [APP-087]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.3 Water Vole Technical Appendix [APP-088]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.4 Ornithology Baseline Technical Appendix – Confidential [APP-089]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.5 Reptile Baseline Technical Appendix [APP-090]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.6 Terrestrial Invertebrates Baseline Technical Appendix [APP-091]	No	The proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
	Appendix 8.7 Bat Technical Appendix [APP-092]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.8 Badger Technical Appendix – Confidential [APP-093]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.9 Otter Baseline Technical Appendix [APP-094]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.10 NVC Baseline Technical Appendix [APP-095]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.11 Great Crested Newt Baseline Technical Appendix [APP-096]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location does not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.12 Baseline Surveys Tech Note [APP-097]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.13 BNG Assessment Report [AS-064]	Yes	The BNG Assessment Report has been updated to reflect how the reduction of the Order Limits has affected BNG requirements. Refer to the BNG Assessment Report (Application Document Ref. 5.4.8.13, Revision 04) submitted with this change request for further details of the updated metric.
	Appendix 8.14 Landscape, Ecological and Recreational	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the scope of this appendix is the immediate area around the Proposed WWTP and does not include Works No. 33.

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	Management Plan (LERMP) [AS-066]		
	Appendix 8.15 HRA Screening Report [AS-068]	No	The Proposed Change does not have the potential to alter the outcomes of this appendix because the reduction of the Order Limits and refinement of the compound location do not materially change the impact pathways and therefore the assessment of likely significant effects.
	Appendix 8.16 Habitat Regulations Assessment Report [AS-070]	No	The Proposed Change does not have the potential to alter the outcomes of this appendix because the reduction of the Order Limits and refinement of the compound location do not materially change the impact pathways and therefore the assessment of likely significant effects.
	Appendix 8.17 Proposed Waste Water Treatment Plant Arboricultural Impact Assessment [APP-102]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline arboricultural data (and this appendix refers to the proposed WWTP site only).
	Appendix 8.18 Wildlife Hazard Management Plan [APP-103]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not enhance the risk of bird strike issues for aircraft using Cambridge City Airport.
	Appendix 8.19 Waterbeach Pipeline Arboricultural Impact Assessment [APP-104]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline arboricultural data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.20 Bat Natural England Ghost Licence Method Statement [APP-105]	No	Preparation of ghost licences and method statements has been on-going with Natural England. The revised Order Limits will be used in the formal licence application and Natural England will be updated on the Proposed Change as part of our ongoing engagement.
	Appendix 8.21 Confidential Badger	No	Preparation of ghost licences and method statements has been on-going with Natural England. The revised Order Limits will be used in the formal licence

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
	Ghost Licence Method Statement [APP-106]		application and Natural England will be updated on the Proposed Change as part of our ongoing engagement.
	Appendix 8.22 Water Vole Natural England Ghose Licence Method Statement [APP-107]	No	Preparation of ghost licences and method statements has been on-going with Natural England. The revised Order Limits will be used in the formal licence application and Natural England will be updated on the Proposed Change as part of our ongoing engagement.
	Appendix 8.23 Preliminary Ecological Appraisal [AS-072]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline ecological data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 8.24 Outline Outfall Management & Monitoring Plan [AS-073]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, because the reduction of the Order Limits and refinement of the compound location do not affect the management and monitoring proposals for the outfall onto the River Cam.
Chapter 9 Climate Resilience	ES Chapter 9 Climate Resilience [APP-041]	No	The Proposed Change does not have the potential to alter the outcome of this assessment because the reduction of the Order Limits and refinement of the compound location do not exacerbate the vulnerability of the operational scheme to climate change related risks.
	Appendix 9.1 Asset Management Plan [AS-074]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the Asset Management Plan relates to permanent assets only. The Proposed Change does not impact how assets will be operated or managed.
Chapter 10 Carbon	ES Chapter 10 Carbon [APP-042]	No	The Proposed Change does not have the potential to alter the outcome of this assessment. There are no changes to the land use change assessment because the scope of that assessment covered the Proposed WWTP only and did not include Works No. 33.
	Appendix 10.1 GHG Calculations [APP-109]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the land use change assessment covered the Proposed WWTP only and did not include Works No. 33.

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
	Appendix 10.2 Outline Carbon Management Plan [AS-076]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, because the reduction of the Order Limits and refinement of the compound location do not affect the measures to manage carbon once the Proposed Development is operational.
Chapter 11 Community	ES Chapter 11 Community [AS-028]	No	The Proposed Change does not have the potential to alter the outcome of this assessment because the reduced part of Works No. 33 does not include any community land uses covered by this assessment, i.e. private property and housing; community facilities; open space and recreational areas; PRow and walking and cycling routes; and businesses.
	Appendix 11.1 Community Questionnaire [APP-110]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduced part of Works No. 33 does not include community land and would not affect the questions that community facilities were asked to complete in this questionnaire.
Chapter 12 Health	ES Chapter 12 Health [APP-044]	No	The Proposed Change does not have the potential to alter the outcome of this assessment. The reduction of the Order Limits and refinement of the compound location are relevant to the construction phase only and will not affect the mitigation measures proposed for construction phase health effects in the assessment.
	Appendix 12.1 Health Screening [APP-111]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, which is a review of the types of health outcome associated with impacts on health determinants. These aspects are not affected by the reduction of the Order Limits and refinement of the compound location.
	Appendix 12.2 Health Evidence Review [APP-112]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, which is a review of the links between health determinants and health requirements. These aspects are not affected by the reduction of the Order Limits and refinement of the compound location.
	Appendix 12.3 Health Mental Wellbeing Impact Assessment (MWIA) [AS-077]	No	The Proposed Change does not have the potential to alter the outcome of this appendix. The reduction of the Order Limits and refinement of the compound location do not affect any of the responses in the MWIA Form.

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
Chapter 13 Historic Environment	ES Chapter 13 Historic Environment [AS-030]	No	The Proposed Change does not have the potential to alter the outcome of this assessment. Works Nos. 33 and 34 do not contain any designated or non-designated heritage assets. The reduction of the Order Limits and refinement of the compound location do not materially affect the assessments of nearby affected designated or non-designated assets.
	Appendix 13.1 Historic Environment Baseline Assessment [AS-079]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, because the reduction of the Order Limits and refinement of the compound location do not affect the baseline historic environment data.
	Appendix 13.2 Gazetteer of Assets [AS-081]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline historic environment data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 13.3 Historic Landscape Classification [AS-083]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline historic environment data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 13.4 Historic Environment Impact Assessment Tables [AS-085]	No	The Proposed Change does not have the potential to alter the outcome of this assessment. Works Nos. 33 and 34 do not contain any designated or non-designated heritage assets. The reduction of the Order Limits and refinement of the compound location do not materially affect the assessments of nearby affected designated or non-designated assets.
	Appendix 13.5 Geophysical and Trial Trenching Surveys [AS-087]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction in size of Works No. 33 involves the removal of land from the Order Limits, therefore no additional areas require geophysical survey or trial trenching.
	Appendix 13.6 Gazetteer of Events [APP-120]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline historic environment data. This is because the Proposed Change does not increase the footprint of the study area.

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
	Appendix 13.7 Gazetteer of Find Spots [APP-121]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline historic environment data. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 13.8 Framework Archaeological Investigations Mitigation Strategy [AS-088]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the framework procedures for how future archaeological investigations will be managed.
Chapter 14 Land Quality	ES Chapter 14 Land Quality [AS-032]	No	The Proposed Change does not have the potential to alter the outcome of this assessment, since the reduction of the Order Limits and refinement of the compound location do not change the source-pathway-receptor linkages or the proposed mitigation measures.
	Appendix 14.1 Preliminary Risk Assessment [AS-089]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, which is a baseline review of the risk posed by adverse ground conditions.
	Appendix 14.2 Contaminated Land Risk Assessments [APP-123]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, which is a baseline review of the risk posed by contamination and does not change the risk of contamination being encountered.
	Appendix 14.3 Geoenvironmental Results – proposed WWTP [AS-091]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the Proposed Change does not affect the results of soil chemical testing (and this appendix refers to the Proposed WWTP only).
	Appendix 14.4 Geoenvironmental Results – Waterbeach [AS-093]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the Proposed Change does not affect the results of soil chemical testing.

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
	Appendix 14.5 Mineral Safeguarding Area Calculation [APP-126]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the areas of minerals impacted are not changed. The Proposed Change has no impact on the layout of permanent assets.
	Appendix 14.6 Groundwater Investigation Report Waterbeach [AS-095]		The Proposed Change does not have the potential to alter the outcome of this appendix because the Proposed Change does not affect the groundwater monitoring undertaken.
	Appendix 14.8 Ground Investigation Report for Cambridge WWTP – Phase B [AS-096]		The Proposed Change does not have the potential to alter the outcome of this appendix because the Proposed Change does not affect the ground investigation results (and this appendix refers to the Proposed WWTP only).
	Appendix 14.9 Preliminary Ground Investigation Factual Report Cambridge WWTP [AS-097]		The Proposed Change does not have the potential to alter the outcome of this appendix because the Proposed Change does not affect the ground investigation results (and this appendix refers to the Proposed WWTP only).
	Appendix 14.10 Geotechnical Interpretive Report [AS-098]		The Proposed Change does not have the potential to alter the outcome of this appendix because the Proposed Change does not affect the ground investigation results.
Chapter 15 Landscape and Visual Amenity	ES Chapter 15 Landscape and Visual Amenity [AS-034]	No	The Proposed Change does not have the potential to alter the outcome of this assessment. In relation to the representative viewpoints (VPs) assessed in the chapter, Works Nos. 33 and 34 are potentially visible from VP39, VP40 and VP41. However, the assessment confirms that these VPs had limited to no views of construction and that there would consequently be no change to views during construction. Effects were assessed as being neutral. The reduction of the Order Limits and refinement of the compound location would not change this.
	Appendix 15.1 Photomontages [APP-127]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because photomontages were created for views towards the Proposed WWTP and did not cover views in the vicinity of Works Nos. 33 or 34.

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
	Appendix 15.2 Summer & Winter Views [AS-099]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction in size of Works No. 33 does not affect the baseline summer and winter views.
	Appendix 15.3 Lighting Assessment Report [AS-100]	No	The Proposed Change does not have the potential to alter the outcome of this appendix. The refinement of the compound location to Works No. 34 is further away from residential receptors. The residual effects at the closest lighting receptors (LR21 and LR22) would remain negligible.
	Appendix 15.4 Glint and Glare Assessment [APP-130]	No	The Proposed Change does not have the potential to alter the outcome of this appendix as the assessment relates to the glint and glare effects of solar panels proposed in the Proposed WWTP site only.
	Appendix 15.5 Landscape and Visual Impact Assessment Methodology [APP-131]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction in size of Works No. 33 does not affect the LVIA assessment methodology.
Chapter 16 Material Resources and Waste	ES Chapter 16 Material Resources and Waste [APP-048]	No	The Proposed Change does not have the potential to alter the outcome of this assessment because the reduction of the Order Limits and refinement of the compound location will not affect the amount of materials needed to construct permanent assets and will not materially affect the amount of waste generated during formation of temporary working areas and construction compounds.
	Appendix 16.1 Material Resources Requirements and Waste Estimates [APP-132]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not materially affect the material resource requirements. The construction compound will be the same dimensions as previously proposed.
Chapter 17 Noise and Vibration	ES Chapter 17 Noise and Vibration [AS-036]	No	The Proposed Change does not have the potential to alter the outcome of this assessment. The reduction of the Order Limits and refinement of the compound location do not change the traffic flows or construction access points, therefore does not affect the construction traffic noise assessment. The refinement of the compound has resulted in it being further away from sensitive receptors.

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
	Appendix 17.1 Noise and Vibration Guidance and Policy [APP-133]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the noise and vibration guidance/policy.
	Appendix 17.2 Baseline Noise Report [AS-102]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline noise survey results. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 17.3 Construction Noise Assessment [APP-135]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not change the assumptions used about construction working hours, construction plant used or construction plant sound power levels. The relocation of the construction compound to Land Parcel 070a would result in the construction compound being further away from sensitive receptors.
	Appendix 17.4 Operational Noise Sources [APP-136]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because this appendix is focussed on the noise generated from the Proposed Development once operational, i.e. it is focussed on the Proposed WWTP.
Chapter 18 Odour	ES Chapter 18 Odour [APP-050]	No	The Proposed Change does not have the potential to alter the outcome of this assessment because the odour assessment is focussed on the Proposed WWTP, whereas the Proposed Change has no odour related impacts.
	Appendix 18.1 Odour Assessment Method and Effects Summary [APP-137]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the odour assessment is focussed on the Proposed WWTP, whereas the Proposed Change has no odour related impacts.
	Appendix 18.2 Odour Impact Assessment [AS-104]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, because the odour assessment is focussed on the Proposed WWTP, whereas the Proposed Change has no odour related impacts.
	Appendix 18.3 Sniff Test Survey Report [APP-139]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, because the odour assessment is focussed on the Proposed WWTP, whereas the Proposed Change has no odour related impacts.

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
	Appendix 18.4 Preliminary Odour Management Plan [AS-106]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, because the odour assessment is focussed on the Proposed WWTP, whereas the Proposed Change has no odour related impacts.
Chapter 19 Traffic and Transport	ES Chapter 19 Traffic and Transport [AS-038]	No	The Proposed Change does not have the potential to alter the outcome of this assessment. Despite the reduction of the Order Limits and refinement of the compound location, the proposed site accesses and traffic flows remain the same.
	Appendix 19.1 Baseline - Traffic surveys [APP-141]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, because the reduction of the Order Limits and refinement of the compound location do not affect the baseline traffic survey counts. This is because the Proposed Change does not increase the footprint of the study area or alter the proposed construction accesses.
	Appendix 19.2 Re-survey - May 2022 Traffic Surveys [APP-142]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline traffic survey counts. This is because the Proposed Change does not increase the footprint of the study area or alter the proposed construction accesses.
	Appendix 19.3 Transport Assessment [AS-108a and AS 108b]	No	The Proposed Change does not have the potential to alter the outcome of this appendix. Despite the reduction of the Order Limits and refinement of the compound location, the proposed site accesses and traffic flows remain the same.
	Appendix 19.3 Transport Assessment Appendix A – Figures [APP-144]	No	The Proposed Change does not have the potential to alter the outcome of this appendix. Despite the reduction of the Order Limits and refinement of the compound location, the proposed site accesses and traffic flows remain the same.
	Appendix 19.4 Pedestrian Counts [APP-145]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the baseline pedestrian survey counts. This is because the Proposed Change does not increase the footprint of the study area or affect pedestrian pathways.

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
	Appendix 19.5 Traffic Flow Diagrams [APP-146]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the traffic flows.
	Appendix 19.6 Junction Capacity Reports [APP-147]	No	The Proposed Change does not have the potential to alter the outcome of this assessment. Despite the reduction of the Order Limits and refinement of the compound location, the proposed site accesses remain the same.
	Appendix 19.7 Construction Traffic Management Plan [AS-109]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, because the reduction of the Order Limits and refinement of the compound location do not affect the mitigation measures proposed in this management plan.
	Appendix 19.8 Operational Workers Travel Plan [APP-149]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the mitigation measures proposed in this management plan.
	Appendix 19.9 Construction Workers Travel Plan [APP-150]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the mitigation measures proposed in this management plan.
	Appendix 19.10 Outline Operational Logistics Traffic Plan [AS-111]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the mitigation measures proposed in this management plan.
	Appendix 19.11 Road Safety Audit [AS-112]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the layout of any permanent assets or chance the construction access locations, therefore do not affect the road safety audit.
Chapter 20 Water Resources	ES Chapter 20 Water Resources [AS-040]	No	The change does not have the potential to alter the outcome of this assessment because the reduction of the Order Limits and refinement of the compound location do not change the nature of construction activities that could impact on surface, groundwater or flood risk. The refinement of the compound location to Works No. 34 does not result in the construction compound being significantly

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
			closer to surface waters or in a higher risk flood zone, and the same stormwater management would be applied in the new location.
	Appendix 20.1 Flood Risk Assessment [APP-151]	No	The Proposed Change does not have the potential to alter the outcome of this appendix. The reduction in size of Works No. 33 does not increase the flood risk of the Proposed Development. The refinement of the compound location to Works No. 34 does not affect flood risk as both locations are predominately in Flood Zone 2. The same flood risk management measures will apply.
	Appendix 20.2 Water Walkover [APP-152]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the Proposed Change does not affect the results of the baseline water environment walkover. This is because the Proposed Change does not increase the footprint of the study area.
	Appendix 20.3 WFD Assessment Report [APP-153]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location does not change the activities associated with the Proposed Development that could impact WFD status.
	Appendix 20.4 Dewatering Pump Test Technical Note [APP-154]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because this appendix focusses on the outcomes of pump tests completed at borehole locations. This is not related to the reduction of the Order Limits and refinement of the compound location.
	Appendix 20.5 Fluvial Model Report [AS-113]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the outfall onto the River Cam.
	Appendix 20.6 3D Velocity Mixing Model [AS-114]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the outfall onto the River Cam.
	Appendix 20.7 Outfall CFD Report [APP-157]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the reduction of the Order Limits and refinement of the compound location do not affect the outfall onto the River Cam.
	Appendix 20.8 Update to Contaminant	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the appendix focusses on modelling to assess the risk of contamination from the Proposed WWTP to migrate in shallow groundwater

ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
	Transport Model [APP-158]		through the West Melbury Marly Chalk Formation to the Black Ditch watercourse. This is not related to the reduction of the Order Limits and refinement of the compound location.
	Appendix 20.9 HIA (Site Selection Stage) [APP-159]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the appendix is an early-stage assessment of the hydrogeological risks associated with the potential sites for the Proposed WWTP. This is not related to the reduction of the Order Limits and refinement of the compound location.
	Appendix 20.10 Storm Model Report [APP-160]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the appendix focusses on modelling that informed the storm management design for the Proposed WWTP. This is not related to the reduction of the Order Limits and refinement of the compound location.
	Appendix 20.11 Milton Water Recycling Centre Discharge Consent Water Quality and Ecological Assessment [APP-161]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the appendix focusses on the results of water quality modelling undertaken for suspended solids and phosphorus from one reach upstream of the current / proposed Cambridge WRC to the most downstream reach ending at the Wash. This is not related to the reduction of the Order Limits and refinement of the compound location.
	Appendix 20.12 Drainage Strategy [APP-162]	No	The Proposed Change does not have the potential to alter the outcome of this appendix because the appendix focusses on the proposed drainage system for the Proposed WWTP once operational. It is confirmed that the Waterbeach transfer pipeline has little impact on surface water drainage as they will be below ground assets. This is not affected by the reduction of the Order Limits and refinement of the compound location.
Chapter 21 Major Accidents and Disasters	ES Chapter 21 Major Accidents and Disasters [AS-042]	No	The Proposed Change does not have the potential to alter the outcome of this assessment because the reduction of the Order Limits and refinement of the compound location does not change or increase the risk of major accidents or disasters.
	Appendix 21.1 Preliminary COMAH Assessment [APP-163]	No	The Proposed Change does not have the potential to alter the outcome of this appendix, because the appendix focusses on the risks posed by the use and storage of dangerous substances (as described by the COMAH regulations) at the

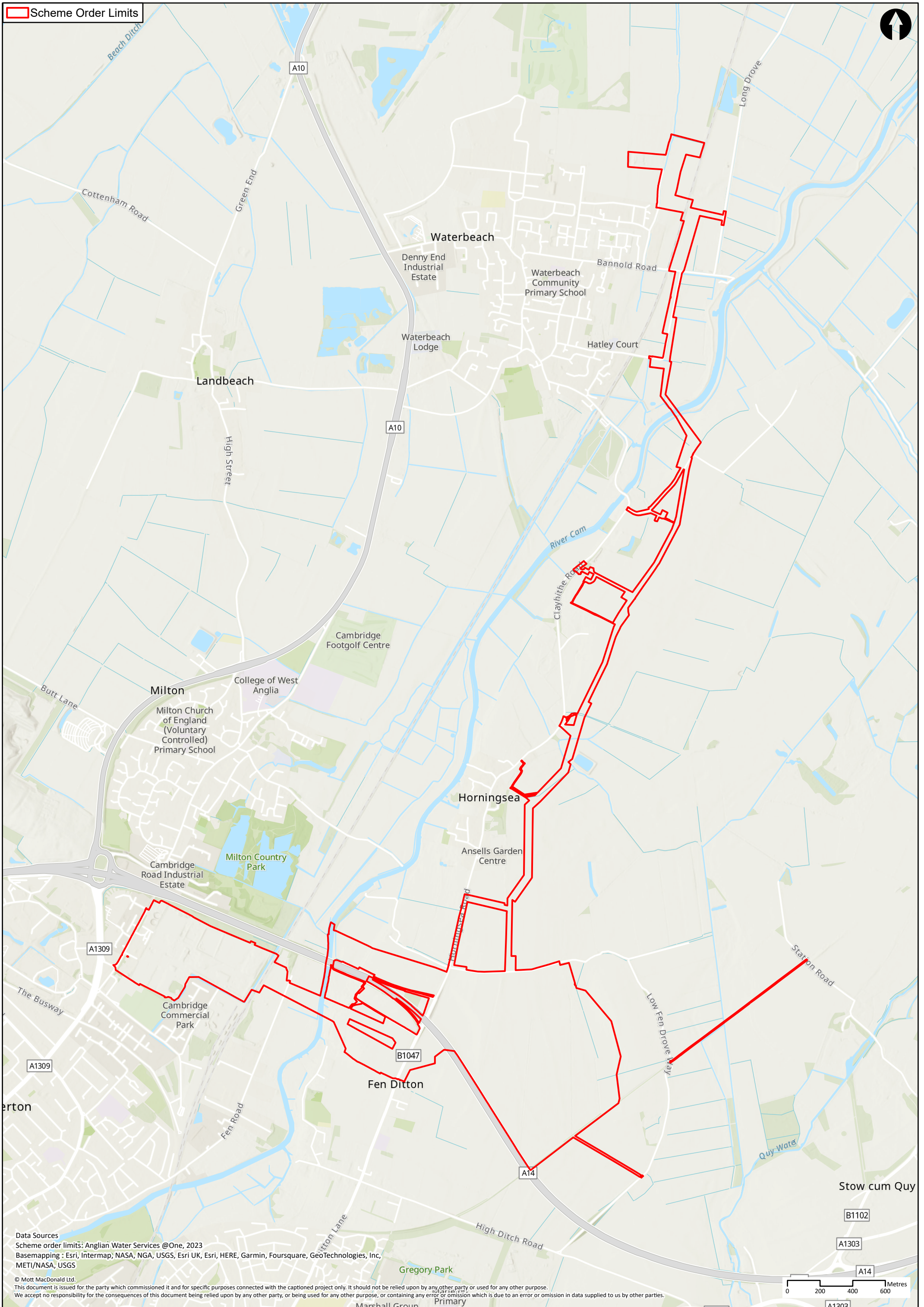
ES Chapter	Application document	Update of document required	Potential for the environmental effects to be altered as a result of the Proposed Change
			Proposed WWTP. This is not affected by the reduction of the Order Limits and refinement of the compound location.
Chapter 22 Cumulative Effects Assessment	ES Chapter 22 Cumulative Effects Assessment [AS-044]	No	<p>The Proposed Change does not have the potential to alter the outcome of this assessment. The cumulative effects assessment already identified Waterbeach Railway Station as a cumulative development. It was assumed that construction of both the Proposed Development and Waterbeach Railway Station would occur at the same time as a worst case scenario.</p> <p>The reduction of the Order Limits and refinement of the compound location is not considered to materially alter this assessment, which for most topics concluded there were no likely significant cumulative effects.</p> <p>The ecology, landscape and visual, traffic and transport and water resources cumulative assessments concluded that, while there were no likely significant cumulative effects, there was a requirement for an interface plan between the Proposed Development and the Waterbeach Railway Station so that construction phase issues could be managed. This included ensuring there was co-ordination around habitat creation, protected species mitigation, minimising visual impacts of temporary works, developing aligned traffic control measures and ensuring temporary works did not increase flood risk.</p> <p>The Proposed Change is not considered to affect the requirement for this co-ordination between developments.</p>

4 Conclusion

- 4.1.1 This exercise has identified that the Proposed Change will not affect the significance of effects predicted for all technical chapters within the Original ES. No further assessment is therefore required.
- 4.1.2 The following documents have been revised to include confirmation of updated mitigation measures and the updated BNG requirements.
- Appendix 2.2 Code of Construction Practice Part B (Application Document Ref. 5.4.2.2, Revision 03)
 - Appendix 8.13 BNG Assessment Report (Application Document Ref. 5.4.8.13, Revision 04)

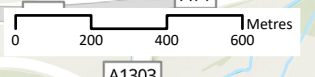
Appendix A – Revised Order Limits

Scheme Order Limits



Data Sources
 Scheme order limits: Anglian Water Services @One, 2023
 Basemapping : Esri, Intermap, NASA, NGA, USGS, Esri UK, Esri, HERE, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS

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