

Cambridge Waste Water Treatment Plant Relocation Project
Anglian Water Services Limited

Environmental Statement Errata

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1 Introduction

1.1 Purpose of this document

- 1.1.1 The Environmental Statement Errata has been prepared to detail updates to and errata in the Environmental Statement (ES) Volumes 1 (Non-Technical Summary), 2 (Technical Chapters) and 4 (Technical Chapter Appendices) for the Cambridge Waste Water Treatment Plant Relocation Project (hereafter referred to as ‘the Proposed Development’) which was submitted as part of the Development Consent Order (DCO) application on the 28th April 2023.
- 1.1.2 It is intended that during the Examination, further points of clarification or amendments which arise through, but are not limited to, Written Questions, Issue Specific Hearings and Written Representations will be added to this Errata, which will remain a live document. The Errata will form part of the final ES and will be certified through Schedule 18, Article 51 of the DCO (App Doc Ref 2.1) as ‘The Environmental Statement + errata’.
- 1.1.3 The Environmental Statement Errata will be submitted, where appropriate, at each of the prescribed deadlines as set out by the Planning Inspectorate.
- 1.1.4 Changes to the ES are indicated by a strikethrough for superseded text and red font for new or amended text.

2 Environmental Statement Updates

2.1.1 Table 2-1 below sets out the updates to the Environmental Statement and includes the reason for the update.

Table 2-1: Environmental Statement Updates

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
App Doc Ref (5.2.5) [AS-022]	ES Chapter 5: EIA Methodology	Section 3.6, Description of the environmental baseline conditions (including future baseline) Paragraph 3.6.3 Page 8	Response to ExQ1 1.20 in relation to Future Baseline	Paragraph 3.6.3 updated to include deletion shown as struck through: “Consideration has been given to any likely changes between the time of survey and the future baseline for the construction and operation of the Proposed Development. In some cases, these changes may include the construction or operation of other planned or consented developments in the area. Where such developments are built and operational at the time of writing and data collection, these have been considered to form part of the baseline environment. Otherwise planned future developments are considered within the assessment of additional cumulative effects.”
App Doc Ref: 5.2.5 [AS-022]	ES Chapter 5: EIA Methodology	Section 3.6 Description of the environmental baseline conditions (including future baseline) Paragraph 3.6.4 Page 8	Response to ExQ1 1.20 in relation to Future Baseline	Paragraph 3.6.4 expanded to include addition is red and deletions as struck through: “ The consideration of future baseline conditions has also taken into account the likely affects of climate change scenario based on a 2024 construction start year is therefore based on the reasonable assumption that planning permissions for consented development are delivered (or partially delivered) by 2024. Developments proposed to be within the future baseline are indicated within Chapter 22 Table 2-6 alongside cumulative schemes, in order to make this distinction clear, the consideration of developments considered as Future Baseline are set out in Table 3.1.
App Doc Ref: 5.2.6 [AS-025]	ES Chapter 6: Agricultural Land and Soils	Section 1.1 Purpose of this chapter Paragraph 1.1.1	Response to ExQ1.26	Amendment to paragraph 1.1.1 addition indicated in red text: “The assessment accounts for impacts of the Proposed Development during its construction (including commissioning), operation and

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
		Page 1		maintenance, and decommissioning phases as described in Chapter 2 of the ES (App Doc Ref 5.2.2) in relation to the existing Cambridge WWTP.”
App Doc Ref: 5.2.6 [AS-025]	ES Chapter 6: Agricultural Land and Soils	Section 3.1 Current Baseline Paragraph 3.2.1, 3.2.2 Page 34	Response to ExQ1 1.20 in relation to Future Baseline	<p>Amendment to paragraph 3.2.1 with addition indicated in red text:</p> <p>Para 3.2.1 No committed developments (from those indicated in Table 5-1, Chapter 5 (App Doc Ref 5.2.5) have been identified in this study area that will materially alter the baseline conditions in 2024 – construction commencement.</p> <p>Amendment to paragraph 3.2.1 with addition indicated in red text: 3.2.2 No committed developments (from those indicated in Table 5-1, Chapter 5 (App Doc Ref 5.2.5) have been identified in this study area that will materially alter the baseline conditions in 2028 – year 1 of operation.</p>
App Doc Ref: 5.2.6 [AS-025]	ES Chapter 6: Agricultural Land and Soils	Section 4.4 Cumulative Effects Paragraph 4.4.1 Page 48	Response to EXQ 1.24	<p>Paragraph 4.4.1 update with additions in red :</p> <p>“For agriculture and soil resources there are no residual cumulative effects. The assessment does not consider activities relating to decommissioning of the existing Cambridge WWTP as these activities do not interact with any agricultural land receptors.”</p>
App Doc Ref: 5.2.6 [AS-025]	ES Chapter 6: Agricultural Land and Soils	Section 1.5 Consultation Table 1-4 Page 8	Response to ExQ1 3.3	<p>The fourth/final row of Table 1-4 updated with additions in red and deletions as struck through:</p> <p>“The ALC (Appendix 6.1 App. Doc Ref. 5.4.6.1) and outline SMP (Appendix 6.3, App Doc Ref 5.4.6.3) is provided in the application. A draft was included with the Preliminary Environmental Information at Phase Three Consultation. The outline SMP is based on Section 7.4 of the CoCP Defra’s Construction Code of Practice for the Sustainable Use of Soils on Construction Site and on the Institute of Quarrying Guide to handling soils; and tailored to the Proposed Development. For extended guidance, refer to Section 7.4 of the CoCP (Appendix 2.1, App Doc Ref 5.4.2.1).”</p>

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App Doc Ref: 5.2.6 [AS-025]	ES Chapter 6: Agricultural Land and Soils	Section 5.1 Assessment Summary Table 5-1 page 53 and 59 Table 5-2 Page 57	Response to ExQ1 3.3	The relevant rows in Table 5-1 and Table 5-2 updated with additions in red and deletions as struck through: "Return land temporarily required during construction to previous use through reinstatement and implementation of section 7.5 of the 7.4.30 (Soil Management) of CoCP Part A and application of a SMP based on the outline SMP."
App Doc Ref: 5.2.6 [AS-025]	ES Chapter 6: Agricultural Land and Soils	Section 5.1 Assessment Summary Table 5-1 and Table 5-2 Page: 53-62	Response to ExQ1 3.3	The relevant rows in Table 5-1 and Table 5-2 should read: "Requirement within section 3 (Community & Stakeholder Engagement) of the CoCP Part A and B (App Doc Ref: 5.4.2.1) and 5.4.2.2) Part A (Community & Stakeholder Engagement) to appoint a Community Liaison Officer responsible for ensuring that relationships and lines of communication are maintained throughout the construction period including communication of temporary changes to access.
App Doc Ref 5.2.7 [APP-039]	ES Chapter 7: Air Quality	Section 2.3 Study area Paragraph 2.3.12 Page 32	Response to ExQ1 4.4	Paragraph 2.3.12 amended with additions in red and deletions as struck through: "The largest increase in construction vehicles is 528 HDVs on the A14 between J32 and J33. At A14 J33 the number of two way movements reduces as 59 155 HDVs exit the A14 and continue to the transfer access works via the A1309. The remaining continue on the A14 and exit at J34."
App Doc Ref 5.2.7 [APP-039]	ES Chapter 7: Air Quality	Section: Summary Page viii	Response to ExQ1 1.24	The summary amended with additions in red: Decommissioning works are not anticipated to result in additional emissions to air, and that although changes to vehicle movements can be expected due to these activities, traffic flows to and from the existing Cambridge WWTP during decommissioning will be broadly similar to existing flows accessing the existing Cambridge WWTP whilst it is operational. The assessment in relation to decommissioning of the existing Cambridge WWTP is included within the assessment of vehicle traffic which includes movements associated with decommissioning.

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App Doc Ref 5.2.7 [APP-039]	ES Chapter 7: Air Quality	Section 4.4 Decommissioning Paragraph 4.4.1 Page 36	Response to ExQ1 1.24	Paragraph 4.4.1 will be updated to include additions in red text: The potential impacts to air quality from the decommissioning of the existing Cambridge WWTP for the purpose of surrendering the existing environmental permit, as described in Chapter 2 of the ES (App Doc Ref 5.2.2) , as indicated in Table 2-17 together with the maximum design scenario which are the assumptions (maximum parameters) for the purposes of the air quality assessment against which each impact has been assessed. Decommissioning for the purpose of surrendering the existing environmental permit is detailed within Chapter 2: Project Description. Demolition activities and intrusive works to decommission the existing Cambridge WWTP are considered within the cumulative assessment. Decommissioning of the existing Waterbeach WRC is considered within the cumulative assessment.
App Doc Ref 5.2.7 [APP-039]	ES Chapter 7: Air Quality	Section 5.2 Securing mitigation Table 5-2 Page 83	Response to ExQ1 4.10	Reference to 'Air Quality/Dust Management Plan(s)' in Table 5-2 to be revised to 'air quality management plan'..
App Doc Ref 5.2.7 [APP-039]	ES Chapter 7: Air Quality	Section 2.7 Impacts scoped out of the assessment Paragraph 2.7.4 Page 39	Response to ExQ1 1.24	The text in para 2.7.4 amended with additions in red and deletions as struck through: "Commissioning and Decommissioning works are not anticipated to result in additional emissions to air , and although changes to vehicle movements can be expected due to these activities, traffic flows to and from the existing Cambridge WWTP during decommissioning will be broadly similar to existing flows accessing the existing Cambridge WWTP whilst it is operational. The assessment in relation to decommissioning of the existing Cambridge WWTP is included within the assessment of vehicle traffic which includes movements associated with decommissioning"
App Doc Ref 5.2.7 [APP-039]	ES Chapter 7: Air Quality	Section 4.4 Decommissioning	Response to ExQ1 1.24	The text should be amended with additions in red:

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		Paragraph 4.4.1 Page 39		“The potential impacts to air quality from the decommissioning of the existing Cambridge WWTP for the purpose of surrendering the existing environmental permit , as described in Chapter 2 of the ES (App Doc Ref 5.2.2), as indicated in Table 2-17 together with the maximum design scenario which are the assumptions (maximum parameters) for the purposes of the air quality assessment against which each impact has been assessed. Decommissioning for the purpose of surrendering the existing environmental permit is detailed within Chapter 2: Project Description. Demolition activities and intrusive works to decommission the existing Cambridge WWTP are considered within the cumulative assessment. Decommissioning of the existing Waterbeach WRC is considered within the cumulative assessment. ”
App Doc Ref 5.2.9 [APP-041]	ES Chapter 9: Climate Resilience	Section 1.3 Planning policy context Paragraph 1.3.5 Page 5	Response to ExQ1 6.7	Paragraph 1.3.5 should refer to the third UK Climate Change Risk Assessment, not the second.
App Doc Ref 5.2.9 [APP-041]	ES Chapter 9: Climate Resilience	Section 4.4 Decommissioning Paragraph 4.4.2 Page 83	Response to ExQ1 1.24	Paragraph 4.4.2 amended as: “ As the Proposed Development has no end date to its operation, decommissioning In reference to the ES Chapter 2 (App Doc Ref 5.2.2) para 1.7.4 decommissioning of the Proposed Development is not considered.”
App Doc Ref 5.2.11) [AS-028]	ES Chapter 11: Community	Section: Summary Page iv	Response to ExQ1 1.24	Paragraph to include addition of red text: “The study area has been defined by analysing potential community effects as a result of construction, operation and decommissioning (as described in Chapter 2 of the ES (App Doc Ref 5.2.2) in relation to the existing Cambridge WWTP) of the Proposed Development.”
App Doc Ref 5.2.11) [AS-028]	ES Chapter 11: Community	Section 2.8 Mitigation measures	Response to ExQ1 1.24	Paragraph to include addition of red text:

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		adopted as part of the Proposed Development Paragraph 2.8.10 Page 32		“Table 2-7 sets out the embedded mitigation measures that will be adopted during the construction, operation, maintenance and decommissioning (as described in Chapter 2 of the ES (App Doc Ref 5.2.2) in relation to the existing Cambridge WWTP) of the Proposed Development.”
App Doc Ref 5.2.11) [AS-028]	ES Chapter 11: Community	Section 3.1 Current baseline Paragraph 3.1.1 Page 41	Response to ExQ1 1.24	Paragraph 3.1.1 to include addition of red text: “There are several communities within the Community study area which have been included as part of the assessment based on the potential effects during construction, operation and decommissioning (as described in Chapter 2 of the ES (App Doc Ref 5.2.2) in relation to the existing Cambridge WWTP) of the Proposed Development.”
App Doc Ref 5.2.11 [AS-028]	ES Chapter 11: Community	Section: Summary Page vi	Response to ExQ1.07 7.2	Page vi should read: “The public right of way (PRoW) 85/6 along the east bank of the River Cam would be temporarily diverted for a period of up to 4 months for approximately 770m around the land temporarily required for construction of the outfall. It is assessed that there would be a temporary neutral effect on the users of PRoW 85/6.”
App Doc Ref 5.2.11 [AS-028]	ES Chapter 11: Community	Section 1.3 Planning policy context Paragraph 1.3.3 Page 3	Response to ExQ1.07 7.3	Paragraph 1.3.3 of ES Chapter 11: Community (App Doc Ref 5.2.11) relates to the NPPF. The Applicant has updated paragraph numbers to remove reference to paragraphs 80 and 91, as per the proposed changes set out below: “1.3.3 National planning policy of relevance to community, and pertinent to the Proposed Development, are listed below. <ul style="list-style-type: none"> • Section 6: Building a strong, competitive economy (paragraphs 82-83); • Section 12: Achieving well designed places (paragraphs 127-128); and

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				<ul style="list-style-type: none"> Section 8: Building health and safe communities (paragraphs 92, 96 and 98) (Ministry of Housing, Communities and Local Government, 2021)."
App Doc Ref 5.2.11 [AS-028]	ES Chapter 11: Community	Section 3.1 Current baseline Paragraph 3.1.1 Page 41	In response to ExQ1 1.24	<p>Paragraph 3.1.1 updated included addition (in red):</p> <p>There are several communities within the Community study area which have been included as part of the assessment based on the potential effects during construction, operation and decommissioning (as described in Chapter 2 of the ES (App Doc Ref 5.2.2) in relation to the existing Cambridge WWTP) of the Proposed Development.</p>
App Doc Ref 5.2.11 [AS-028]	ES Chapter 11: Community	Section 3.1 Current baseline Paragraph 3.2.1 and addition of 3.2.2 Page 41	Response to ExQ1 1.20 in relation to Future Baseline	<p>Correction of paragraph 3.2.1:</p> <p>3.2.1 The methodology relating to the project's approach to future baseline is presented in Chapter 5: EIA Methodology, alongside a list of proposed developments that, at this time, are expected to fall into this category. As such, these developments form part of the baseline for assessment within this ES.</p> <p>For the aspect of community, the following future developments indicated in Table 3-1, Chapter 5 (App Doc Ref 5.2.5) that may lead to additional receptors are:</p> <ul style="list-style-type: none"> S/2075/18/OL: Up to 4500 dwellings, business, retail, community, education and leisure uses, Waterbeach New Town East (at construction year 1 this would be partially completed); S/0559/17/OL: Up to 6500 dwellings, business, retail, community, leisure, education and sports use, Waterbeach New Town (at construction year 1 this would be partially completed); and S/2682/13/OL: Up to 1300 dwellings, school, food store, community and open spaces, Marleigh. residential receptors at Parsonage Farm (22/00343/PRIOR).

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				<ul style="list-style-type: none"> 18/0481/OUT: Up to 1200 dwellings, retail, education and community facilities on land north of Cherry Hinton 22/02771/OUT: Cambridge North Residential Quarter new residential blocks for up to 425 residential units. S/4629/18/FL: business receptors at Cambridge Science Park 20/04010/FUL: business receptors south of Milton Park and Ride. <p>Addition of paragraph 3.2.2 addition in red: 3.2.2 By operation year 1 however both the Waterbeach New Town and New Town East developments would not experience adverse effects and would benefit from the waste water treatment facility. Similarly, residents at Cambridge North, should this site be taken forward for residential, would also not be expected to experience adverse impacts.</p>
App Doc Ref 5.2.11 [AS-028]	ES Chapter 11: Community	Section 4.2. Construction phase Paragraph 4.2.3 Page 53	Response to ExQ1.07 7.4	<p>The applicant acknowledges an error in approximate work staff across the site at peak construction activity. Paragraph 4.2.3 has been updated with deletion struck through and addition in red:</p> <p>“As described in Chapter 2: Project Description, at the peak construction activity there are anticipated to be 60 supervisory and administrative staff and approximately 300 422 staff working across the site. The proportion of construction workers and/or contracts that would be sourced locally is currently unknown. However, as the number of jobs would affect over 100 people for over a period of one year, the magnitude of impact is moderate.”</p>
App Doc Ref 5.2.11 [AS-028]	ES Chapter 11: Community	Section 4.2 Construction phase Paragraph 4.2.45 Page 52	Response to ExQ1.07 7.5	<p>Paragraph 4.2.25 has been amended to include red text and deletions shown as struck through:</p> <p>“The sensitivity of pedestrians, cyclists and horse-riders using the section of Horningsea Road extending south by 755m from the junction with the A14 are of high sensitivity...”</p>

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App Doc Ref 5.2.11 [AS-028]	ES Chapter 11: Community	Section 4.2 Constriction phase Paragraph 4.2.30 Page 56	Response to ExQ1.07 7.21	<p>ES Chapter 11: Community (App Doc Ref 5.2.11) [AS-028] paragraph 4.20.30 amendment to include additions in red:</p> <p>a) The diversion would last for up to 11 months. This will not change the traffic and transport assessment but does change sections 4.2.30 to 4.2.36 of the community assessment, assessment should now read as the below.</p> <p>Fen Ditton (PRoW 85/6 and PRoW 85/8)</p> <p><u>Magnitude of impact</u></p> <p>4.2.30 Footpath 85/6 (parallel to the east bank of the River Cam south of the A14 road bridge) will be temporarily closed for a period of up to 611 months during construction of the outfall structure and the treated effluent pipeline. A temporary diversion will be put in place, via PRoW 85/8 (which provides a connection between ProW 85/6 and ProW 130/1), throughout the construction period.</p> <p>4.2.31 During the diversion there would be a period where use of the footpath 85/8 would cease due to the construction corridor related to the open cut construction of the treated effluent pipeline. This would require a longer diversion to the footway/cycleway along the western side of the carriageway to join the PROW 130/1 meaning users of the 85/6 would need to travel an additional 1010m to return to back to the 85/6.</p> <p>4.2.32 The magnitude of the impact is considered to be minor major given the limited duration over which they are likely to be impacted. The diversion is unlikely to dissuade people from using these routes to access recreational opportunities.</p> <p><u>Sensitivity of receptor</u></p> <p>4.2.33 The recreational users of PRoW (85/6 and 85/8) are of medium sensitivity because these routes are used frequently for recreational purposes and provide a link to a wider network of PRoW to the north</p>

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				<p>and south. There are limited alternative routes providing a direct connection between Horningsea and Fen Ditton.</p> <p><u>Significance of effect</u> 4.2.34 Overall, it is predicted that the minor major magnitude of impact on the medium sensitivity receptor would result in a reversible, temporary moderate significant adverse effect. which is not significant.</p> <p><u>Secondary mitigation or enhancement</u> 4.2.35 The following measures would further mitigate the impact to PRow 85/6 and PRow 85/8. These are set out within the COCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1). The measures of particular relevance to PRow 85/6 and 85/8 users are:</p> <ul style="list-style-type: none"> • a requirement for the use of safety gates to be put in place and users allowed to safely cross the construction working area which would allow users diverted on to the 85/8 to cross over the works to construct the treated effluent pipeline and join the temporary diversion back to the 85/6; and • a requirement for all PRow to be restored to the same condition as before the works took place or to a standard which is acceptable to the Local Highway Authority which returns the paths to the same or better condition, so journey quality is unaffected once the works have been completed. <p>The provision of safety gates allowing users to cross the construction working area would reduce the length of the diversion to 770m for users of PRow 85/6.</p> <p><u>Residual effect</u> 4.2.36 Despite the application of these measures, the impact would remain minor major. The residual effect therefore remains as moderate significant slight adverse, which is not significant.</p>

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				b) Users of footpath 85/8 would no longer be affected by the open cut construction of the treated effluent pipeline through use of the gated access system for crossing the works area.
App Doc Ref 5.2.12 [APP-044]	ES Chapter 12: Health	Section: Summary Page iv	Response to ExQ1 1.24	Summary text amended to include addition indicated in red text: “The study area has been defined by analysing potential community effects as a result of construction, operation and decommissioning (as described in Chapter 2 of the ES (App Doc Ref 5.2.2) in relation to the existing Cambridge WWTP) of the Proposed Development.”
App Doc Ref 5.2.12 [APP-044]	ES Chapter 12: Health	Section 1.1 Purpose of this chapter Paragraph 1.1.2 Page 1	Response to ExQ1 1.24	The text amended to include addition indicated in red text: “The ES has been prepared as part of the application to the Planning Inspectorate (PINS) for development consent. This chapter considers the potential direct and indirect, physical and mental health impacts of the Proposed Development during its construction (including commissioning), operation and maintenance, and decommissioning phases. Decommissioning as described in Chapter 2 of the ES (App Doc Ref 5.2.2) in relation to the existing Cambridge WWTP and permit surrender.”
App Doc Ref 5.2.12 [APP-044]	ES Chapter 12: Health	Section 3.2 Paragraph 3.2.1 Addition of paragraph 3.2.2 Page 45	Response to ExQ1 1.20 in relation to Future Baseline	Correction to paragraph 3.2.1 addition indicated in red text and deletions shown as struck through: “3.2.1 The methodology relating to the project's approach to future baseline is presented in Chapter 5: EIA Methodology, alongside a list of proposed developments that, at this time, are expected to fall into this category. As such, these developments form part of the baseline for assessment within this ES. “ For the aspect of health, the following future developments indicated in Table 3-1, Chapter 5 (App Doc Ref 5.2.5), that may lead to additional receptors are: <ul style="list-style-type: none"> ● S/2075/18/OL: Up to 4500 dwellings, business, retail, community, education and leisure uses, Waterbeach New

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				<p>Town East (at construction year 1 this would be partially completed);</p> <ul style="list-style-type: none"> • S/0559/17/OL: Up to 6500 dwellings, business, retail, community, leisure, education and sports use, Waterbeach New Town (at construction year 1 this would be partially completed); and • S/2682/13/OL: Up to 1300 dwellings, school, food store, community and open spaces, Marleigh. • residential receptors at Parsonage Farm (22/00343/PRIOR). • 18/0481/OUT: Up to 1200 dwellings, retail, education and community facilities on land north of Cherry Hinton • 22/02771/OUT: Cambridge North Residential Quarter new residential blocks for up to 425 residential units. <p>Addition of paragraph 3.2.2 addition indicated in red text:</p> <p>“3.2.2 By operation year 1 however both the Waterbeach New Town and New Town East developments would not experience adverse effects and would benefit from the waste water treatment facility. Similarly, residents at Cambridge North, should this development receive consent and be taken forward for residential, would also not be expected to experience adverse impacts.”</p> <p>Paragraph 3.2.2 becomes 3.2.3, 3.2.4 becomes 3.2.5. and 3.2.5 becomes 3.2.6</p>
App Doc Ref 5.2.12 [APP-044]	ES Chapter 12: Health	Section 4.2 Construction phase Paragraph 4.2.32 Page 50	Response to ExQ1 12.10	<p>Paragraph amended to remove reference to High Ditch Road and Ditton Lane addition indicated in red text an deletions shown as struck through:</p> <p>“In the community of Fen Ditton, additional traffic and congestion is likely to occur for a period of up to 24 months along Horningsea Road., the adjoining roads of High Ditch Road and Ditton Lane. In these</p>

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				locations In this location construction noise and lighting may also be noticeable from some locations.”
App Doc Ref 5.2.12 [APP-044]	ES Chapter 12: Health	Section 5 Conclusion and summary Paragraph 5.1.24 Page 69	Response to ExQ1 12 12.15	Section 5-1 sub heading added ‘Mitigation summary’ page 69 above para 5.1.24.
App Doc Ref 5.2.12 [APP-044]	ES Chapter 12: Health	Section 5 Conclusion and summary Table 5-1 and Table 5-2 Page 74 and 79	Response to ExQ1 12 12.15	Table 5-1 and Table 5-2 corrected to remove reference to CEMP for potential risk to human health from hazardous waste and substances and replace with reference to the Site Management Waste Plan (SWMP).
App Doc Ref 5.2.12 [APP-044]	ES Chapter 12: Health	Section: Summary Page iv	General update in response to ExQ1 1.24	The text in the summary s updated to include addition indicated in red text: “The study area has been defined by analysing potential community effects as a result of construction, operation and decommissioning (as described in Chapter 2 of the ES (App Doc Ref 5.2.2) in relation to the existing Cambridge WWTP) of the Proposed Development.”
App Doc Ref 5.2.14 [APP-047]	ES Chapter 14: Land quality	Section 3.2 Future baseline Paragraph 3.2.1 and 3.2.3 Page 56	Clarification of future baseline in response to ExQ1 1.20	Correction of paragraph 3.2.1, addition in red text deletions struck through: “3.2.1 The methodology relating to the project’s approach to future baseline is presented in Chapter 5: EIA Methodology (Future Baseline) (App Doc Ref 5.2.25), Section 3.6 Description of the environmental baseline conditions (including future baseline), alongside a the list of proposed developments in Table 3-1of that chapter that, at this time, are expected to fall into this category. As such, these developments form part of the baseline for assessment within this ES chapter.” Correction to paragraph 3.2.3 addition in red text deletions struck through:

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				<p>“3.2.3 For the aspect of land quality, the future baseline will remain largely the same in terms of ground conditions. There will be a change in land use at the proposed WWTP site from agricultural land to industrial use (as a WWTP site). No additional contamination sources are anticipated from this change in land use as there will be appropriate pollution controls in place. There are no known committed developments proposed within the Scheme Order Limits. However, there are committed developments within the wider study area. None of these are expected to change ground conditions or alter the receptors considered in the ES such that there could be changes to the baseline or current assessment. The impacts of future committed developments are discussed within the cumulative effects assessment (Section 4.5).”</p>
App Doc Ref 5.2.15 [AS-034]	ES Chapter 15: Landscape and Visual Amenity	Section: Summary Page iv	General update in response to ExQ1 1.24	<p>The Summary text has been updated to include addition (in red):</p> <p>“The Landscape and Visual Impact Assessment (LVIA) assesses the potential impacts of the Proposed Development on landscape and visual amenity during construction, operation and the decommissioning for the purpose of permit surrender at the existing Cambridge WWTP. The study area for the assessment includes the area largely within 2km of the Scheme Order Limits. Public and stakeholder consultation informed the assessment and the development of the design of the Proposed Development.”</p>
App Doc Ref 5.2.15 [AS-034]	ES Chapter 15: Landscape and Visual Amenity	Section 1.1 Purpose of this chapter Paragraph 1.1.2 Page 1	General update in response to ExQ1 1.24	<p>The text in paragraph 1.1.2 has been updated to include addition (in red):</p> <p>“The ES has been prepared as part of the application to the Planning Inspectorate (PINS) for development consent. This chapter considers the potential landscape and visual amenity impacts of the Proposed Development during its construction (including commissioning), operation and maintenance, and decommissioning phases. Decommissioning as described in Chapter 2 of the ES (App Doc Ref</p>

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				5.2.2) in relation to the existing Cambridge WWTP and permit surrender.”
App Doc Ref 5.2.15 [AS-034]	ES Chapter 15: Landscape and Visual Amenity	Section 2.9 Mitigation measures adopted as part of the Proposed Development Paragraph 2.9.10 page 42	Response to ExQ1 14.10	This is a formatting error. Paragraph 2.9.10. There should be no paragraph 2.9.11.
App Doc Ref 5.2.15 [AS-034]	ES Chapter 15: Landscape and Visual Amenity	Section 2.9 Mitigation measures adopted as part of the Proposed Development Paragraph 2.9.11 Page 42	Response to ExQ1 1.24	The text to be amended to include addition (in red): “Table 2-7 sets out the primary and tertiary mitigation measures that will be adopted during the construction, operation, maintenance and decommissioning of the Proposed Development. Decommissioning as described in Chapter 2 of the ES (App Doc Ref 5.2.2) in relation to the existing Cambridge WWTP and permit surrender.”
App Doc Ref 5.2.15 [AS-034]	ES Chapter 15: Landscape and Visual Amenity	Section 5.4 Decommissioning paragraph 5.4.1 Page 197	Response to ExQ1 1.24	Paragraph 5.4.1 amended to the following: “There are no significant landscape or visual effects as a result of decommissioning the existing Cambridge WWTP for the purpose of rescinding the existing Environmental Permit.”
App Doc Ref 5.2.15 [AS-034]	ES Chapter 15: Landscape and Visual Amenity	Section 3.2 Future baseline Paragraph 3.2.1 (addition) and 3.2.3 Page 62	Clarification of future baseline in response to ExQ1 1.20	Amendment to paragraph 3.2.1 – red text: “3.2.1 The methodology relating to the project's approach to future baseline is presented in Chapter 5: EIA Methodology (Future Baseline) (App Doc Ref 5.2.25), Section 3.6 Description of the environmental baseline conditions (including future baseline), alongside a list of proposed developments that, at this time, are expected to fall into this category. As such, these developments form part of the baseline for assessment within this ES chapter.”

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				<p>Amendment of paragraph 3.2.3, additions in red text:</p> <p>“3.2.3 In relation to Table 3-1 in Chapter 5nNew visual receptors for construction year 1 will potentially arise from the following developments:</p> <ul style="list-style-type: none"> ● residential receptors on the Marleigh Development (S/2682/13/OL) – a viewpoint has been included at scoping stage and is located on an existing PRoW which passes through the site; ● residential receptors in Waterbeach New Town East (S/2075/18/OL); ● residential receptors for those elements of the Cambridge North Residential Quarter 22/02771/OUT that could have been completed by construction years 1-4 that could potentially have glimpsed distant views of taller structures such as cranes during construction of the proposed WWTP and ● residential receptors at Parsonage Farm (22/00343/PRIOR).”
App Doc Ref 5.2.15 [AS-034]	ES Chapter 15: Landscape and Visual Amenity	Section 3.2 Future baseline Paragraph 3.2.4 and 3.2.5 (addition) Page 63	Clarification of future baseline in response to ExQ1 1.20	<p>Addition of paragraph 3.2.4 to include addition (in red):</p> <p>“3.2.4 New visual receptors for operation year 1 and 15 would potentially arise from the following developments:</p> <ul style="list-style-type: none"> ● residential receptors on the completed Marleigh Development (S/2682/13/OL) – a viewpoint has been included at scoping stage and is located on an existing PRoW which passes through the site; and ● residential receptors at Parsonage Farm (22/00343/PRIOR).” <p>Addition of paragraph 3.2.5 to include addition (in red):</p>

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				<p>”3.2.5 New visual receptors for operation year 1 and 15 are not considered in relation to residential receptors in the Waterbeach New Town East (S/2075/18/OL) or Waterbeach New Town as the permanent structures are sufficiently far from these developments so as not to be visible. Future development at the Cambridge North Residential Quarter 22/02771/OUT) be taken forward would not present some new residential receptors owing to distance and screening from other structures and vegetation.”</p> <p>Existing para 3.2.4 becomes 3.2.6</p>
App Doc Ref 5.2.15 [AS-034]	ES Chapter 15: Landscape and Visual Amenity	Section 4.2 Construction phase Addition of paragraph 4.2.9 Page 67	Response to ExQ1 14.7	<p>Addition of anew paragraph at 4.2.9 in red:</p> <p>“The visual effects during construction of the Proposed WWTP, associated tunnel and outfall as assessed in Table 4-2 are considered to also represent a worst case construction scenario whereby construction of these elements happens at the same time as the Waterbeach pipeline. This is because the Waterbeach pipeline will occupy a relatively narrow corridor of land and will be seen in the context of the larger scale construction of the Proposed WWTP. The visual effects during construction of the Waterbeach pipeline as assessed in Table 4-4 assume that the construction phase of the Waterbeach pipeline does not overlap with construction of the other elements. If construction of the Proposed WWTP, associated tunnel and outfall does overlap with the Waterbeach pipeline, then the visual effects as assessed for VPs 11, 22 and 25 in Table 4-2 would apply.”</p>
App Doc Ref 5.2.15 [AS-034]	ES Chapter 15: Landscape and Visual Amenity	Section 4.2 Construction phase Paragraph 4.2.11 Page 114	Response to ExQ1 14.13	<p>Amendment to paragraph 4.2.11 with addition in red and deletion struck through:</p> <p>“....will be carried out in accordance with the CoCP Part A and B (Appendix 2.1 and 2.2, App Doc Refs 5.4.2.1 and 5.4.2.2) paragraph 7.2.68 (Appendix 2.1, App Doc Ref 5.4.2.1) [APP-068] and the CoCP Part B section 3.4 ‘Ecology and Nature Conservation’ (Appendix 2.2, App Doc Ref 5.4.2.2) [AS-161], and the monitoring and management</p>

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				regimes as set out in the LERMP (Appendix 8.14, App Doc Ref 5.4.8.14)"
App Doc Ref 5.4.16.1 [APP-132]	Appendix 16.1: Material Resource Requirements and Waste Estimates	Section 1.2 Assumptions and limitations relating to material resources Paragraph 1.2.2 Page 1	Clarification of second study area for materials assets	Paragraph 1.2.2 with deletions struck through and additions in red: "The likely procurement sources for the raw materials required for the Proposed Development is given below: <ul style="list-style-type: none"> • aggregates – UK Cambridgeshire; • concrete – UK/Ireland; • timber – UK; and • steel – UK and Europe"
App Doc Ref 5.2.16 [APP-048]	ES Chapter 16: Material Resources and Waste	Section 2.3 Study area Paragraph 2.3.4 Page 22	Clarification of second study area for materials assets	Paragraph 2.3.4 with deletions struck through and additions in red: "Therefore, for the purpose of this assessment, the study area for the sources and availability of primary, secondary and recycled construction materials (aggregates) will be Cambridgeshire, within East of England and, where necessary, the East of England region UK for all other construction materials. "
App Doc Ref 5.2.16 [APP-048]	ES Chapter 16: Material Resources and Waste	Section 3.2 Future baseline Paragraph 3.2.1, 3.2.3 Addition of 3.2.4 Page 47	Clarification of future baseline in response to ExQ1 1.20.	Correction of paragraph 3.2.1 addition in red text and deletion shown as struck through: "3.2.1 The methodology relating to the project's approach to future baseline is presented in Chapter 5: EIA Methodology (Future Baseline) (App Doc Ref 5.2.25), Section 3.6 Description of the environmental baseline conditions (including future baseline) , alongside a the list of proposed developments in Table 3-1 of that chapter that, at this time, are expected to fall into this category. As such, these developments form part of the baseline for assessment within this ES chapter. Correction of paragraph 3.2.3 addition in red text and deletion shown as struck through: 3.2.3 For the aspect of materials, resources and waste, Future baseline forecasts for material resources are not provided since there are no

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				<p>publicly available sources of information available for predictions of material resource production and availability. The future baseline in relation to waste forecasts has been assessed on the basis of a desktop review of the waste forecast data from the Minerals and Waste Local Plan March 2019 (Cambridgeshire County Council, 2019).</p> <ul style="list-style-type: none"> • Waste forecasts indicate that waste arisings from within the Plan area could increase to 3.157Mtpa by the end of the Plan period (2036). • The adopted London Plan sees household and commercial & industrial waste exports to the East of England gradually reducing from the current (estimated at 3.449Mt in 2015) and ceasing completely in 2026. • The present capacity gap (indicated by a ‘-’ figure) or a surplus (indicated by a ‘+’ figure) for non-hazardous waste management, - recovery, and for deposits to land and disposal are given in Table 3-15 and Table 3-16. <p>Correction of paragraph 3.2.4 addition in red text and deletion shown as struck through: 3.2.4 Changes to existing conditions were also considered with due regard in relation to committed developments, existing and proposed land uses are regarded as being incorporated within the reviewed waste forecasts and are not considered further. On the basis of the review of committed developments that are assumed to form part of future baseline, no significant changes to the material resource use and waste baseline were identified.</p>
App Doc Ref 5.2.16 [APP-048]	ES Chapter 16: Material Resources and Waste	Section 4.2 Construction phase Paragraph 4.2.6 Page 60	Response to ExQ1 17.9 regarding clarification of para 4.2.6 of the ES	<p>Paragraph 4.2.6 updated with additions in red text and deletions shown as struck through:</p> <p>Estimated quantities of resource materials required for the construction of the Waterbeach Pipeline are provided in Table 3-1 in ‘Materials resources and waste estimates’ (Appendix 16.1, App Doc Ref 5.4.16.1). The manufactured products and raw materials required for</p>

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				the construction of the Waterbeach Pipeline are High Performance Polyethylene (HPPE) pipes and aggregates for road surfacing works. The HDPE pipes are considered a manufactured product and are not included in the assessment based on the assumption given in section 2.7.
App Doc Ref 5.2.16 (APP-048)	ES Chapter 16: Material Resources and Waste	Section 4.3 Operation phase Paragraph 4.3.7 Page 67	Response to ExQ1 17.11 regarding typo error in reference to The Sludge (Use in Agriculture) Regulations 1998	The reference to “1998” (in paragraph 4.3.7) should be replaced by “1989”
App Doc Ref 5.2.16 (APP-048)	ES Chapter 16: Material Resources and Waste	Section 4.3 Operation phase Paragraph 4.3.14 Page 69	Response to ExQ1 17.17 regarding reference to paragraph 4.3.14	Paragraph 4.3.14 amended with additions indicated in red : The application of measures within section 7.9 of the CoCP Part A (Appendix 2.1, App Doc Ref 5.4.2.1) that relate to waste storage and segregation, waste minimisation are applicable for operational phase and would further mitigate the potential effects associated with waste generation during construction.
App Doc Ref 5.4.16.1 [APP-132]	Appendix 16.1: Material Resource Requirements and Waste Estimates	Section 3.3 Construction waste volume estimates Paragraph 3.3.1 Page 16	Response to ExQ1 17.10 regarding reference to 'WWTP' instead of 'Waterbeach Pipeline'	Paragraph 3.3.1 amended with deletions struck through and additions in red: The estimated waste volumes from the construction of the proposed WWTP Waterbeach Pipeline are detailed within Table 3-2.
App Doc Ref 5.4.16.1 [APP-132]	Appendix 16.1: Material Resource Requirements and Waste Estimates	Section 3.3 Construction waste volume estimates Table 3-3 Page 18	Response to ExQ1 17.10 regarding reference to 'WWTP' instead of 'Waterbeach Pipeline'	For Table 3-3 header correction, deletions shown as struck through: Table 3-3: Summary waste sources not yet quantifiable in relation to construction of the proposed WWTP Waterbeach transfer pipeline.
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 2.2 Assessment methodology	Response to ExQ1.18: 18.11.	The text should be amended to include a section referring to decommissioning with the following clarification:

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
		Paragraph following 2.2.27 Page 15		“Decommissioning activities involve temporary activities equivalent to construction works. The assessment of noise and vibration impacts during the decommissioning phase uses the same methodology as per construction noise and vibration impacts described in Sections 2.2.12 to 2.2.21.”
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 2.2 Assessment methodology Paragraph following 2.2.43 Page 19	Response to ExQ1.18: 18.11.	The text should be amended to include a section referring to decommissioning with the following clarification: “The assessment of significance of noise and vibration decommissioning effects uses the same approach as per construction noise and vibration impacts described in Sections 2.2.36 to 2.2.40.”
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 2.3 Study area Paragraph following 2.3.7 Page 20	Response to ExQ1.18: 18.11.	The text should be amended to include a section referring to decommissioning with the following clarification: “Decommissioning activities involve temporary activities equivalent to construction works. The assessment methodology including study area definition for decommissioning works are the same as per construction phase works.”
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 3.2 Future baseline Paragraph 3.2.1 and 3.2.2 Page 38 Paragraph 3.2.3 Page 39	Clarification of future baseline in response to ExQ1 1.20	Paragraph 3.2.1 amended with additions in red and deletions shown as struck through: 3.2.1 The methodology relating to the project's approach to future baseline is presented in Chapter 5: EIA Methodology (Future Baseline) (App Doc Ref 5.2.25), Section 3.6 Description of the environmental baseline conditions (including future baseline), alongside a the list of proposed developments in Table 3-1 of that chapter that, at this time, are expected to fall into this category. As such, these developments form part of the baseline for assessment within this ES chapter. Paragraph 3.2.2 replaced with red text: 3.2.2 Sensitive receptors considered in the assessment for construction and operation assessment years are considered for the following developments:

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				<ul style="list-style-type: none"> ● residential receptors on the Marleigh Development (S/2682/13/OL) ● residential receptors in Waterbeach New Town East (S/2075/18/OL); ● residential receptors in Waterbeach New Town (S/0559/17/OL); and ● 22/00343/PRIOR: Parsonage Farm, Barn At Low Fen Drove Way Horningsea <p>Paragraph 3.2.3 amended with additions in red and deletions shown as struck through: “Ambient noise levels in the areas adjacent the Proposed Development are controlled by noise from the A14 and are not anticipated to alter due to committed developments. Committed developments do not introduce new sensitive receptors that would be closer to noise sources associated with the Proposed Development than existing sensitive receptors or would be any more greatly affected by noise impacts. It is therefore expected baseline conditions will remain unchanged at the start of construction compared to current baseline conditions.”</p>
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 4.2 Construction phase Paragraph 4.2.30 Page 50	Response to ExQ1 18.23	<p>Paragraph updated to include additions indicated in red text: “Results indicate that Shaft 4 enabling works (construction of access/haul road, setup of hoarding and compounds) exceed a noise level more than 10dB greater than SOAEL at RC22 (Red House Close), if these activities were to occur during the night-time period. Enabling activities would also increase the existing ambient noise level at RC22 by at least +5dB if they were to take place during this assessment period. This impact is assessed to be moderate major adverse. Due to the nature of these activities the enabling works would only take place within normal construction hours and are unlikely to occur during these periods unless under exceptional circumstances. In addition,</p>

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				noise levels would reduce as the precise work locations vary resulting in a reduced impact over the enabling works construction phase.”
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 4.2 Construction phase Paragraph 4.2.38 Page 51	Response to ExQ1 18.23	Paragraph updated to include additions indicated in red text: “Assessment of construction noise impacts during night-time periods found the majority of impacts to be negligible or minor adverse and are therefore assessed to be not significant. The assessment found construction noise impacts from Shaft 4 enabling works (setup of hoarding and compounds) during the night-time period to be major adverse at RC22 and is therefore assessed to be significant adverse. ”
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 4.2 Construction phase Paragraph 4.2.42 and 4.2.43 Page 52	Response to ExQ1 18.23	Paragraphs updated to include additions indicated in red text and deletions struck through: “4.2.42 The assessment found noise levels greater than SOAEL and moderate and major adverse impacts at RC22 due to Shaft 4 construction activities during enabling works during evenings, Saturday afternoons, Sundays and public holidays and night-time periods (including the proposed working hours between 06:00 and 07:00 within the summer core construction hours). Restriction of construction working hours is proposed at Shaft 4 during core hours activities to minimise noise impacts due to works. Works during core hours will start no earlier than 07:00 at this work site. A requirement in Schedule 2 of the DCO to implement the CoCP (Appendix 2.1, App Doc Ref 5.4.2.1) secures this mitigation measure such that none of the relevant works as described above will be undertaken between 23:00 and 07:00. This restriction of working hours removes the night-time moderate major adverse impact and significant effect. 4.2.43 To minimise noise levels during construction activities at Shaft 4, solid site hoarding or temporary acoustic barriers will be provided. These barriers will be implemented to reduce moderate adverse impacts and noise emissions during enabling and shaft excavation activities. With mitigation noise levels at receptors are reduced to less than SOAEL such that moderate adverse impacts are reduced to minor adverse impacts removing the significant effect. A requirement in

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				Schedule 2 of the DCO to implement the CoCP (Appendix 2.1, App Doc Ref 5.4.2.1) requires use of solid site hoarding or temporary acoustic barriers at this work site to reduce noise impacts at RC22.”
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 4.2 Construction phase Paragraph 4.2.86 Page 64	Response to ExQ1 18.23	Paragraphs updated to include additions indicated in red text and deletions struck through: “HDD works exceed SOAEL at RC1, RC2 , RC3, RC4, RC5 , RC6, RC7, RC17 , RC22 , RC23, and RC25 and RC27 . These receptors include locations in areas which are subject predominantly to lower existing ambient noise levels (e.g., near Waterbeach) compared to areas near to the A14 where ambient noise levels are typically higher. Noise from these works is found to increase the existing ambient noise level by at least +5dB. These short-term impacts are assessed to be moderate adverse. HDD works exceed a noise level more than 10dB greater than SOAEL at RC2, RC5, RC17, RC22 and RC27. These receptors include locations in areas which are subject predominantly to lower existing ambient noise levels (e.g., near Waterbeach) compared to areas near to the A14 where ambient noise levels are typically higher. Noise from these works is found to increase the existing ambient noise level by at least +5dB. These short-term impacts are assessed to be major adverse.”
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 4.2 Construction phase Paragraph 4.2.88, Page 65	Response to ExQ1 18.23	Paragraphs updated to include additions indicated in red text and deletions struck through: “Excavation, trenching and installation of pipework activities exceed SOAEL at RC2, RC5 , RC6, RC9 , RC10, RC11, RC22 , and RC27. Noise from these works would increase the existing ambient noise level by at least +5dB at these receptors. These short-term impacts are assessed to be moderate adverse. Excavation, trenching and installation of pipework activities exceed a noise level more than 10dB greater than SOAEL at RC5, RC9 and RC22. Noise from these works would increase the existing ambient noise level by at least +5dB at these receptors. These short-term impacts are assessed to be major adverse.”
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 4.2 Construction phase Paragraph 4.2.101	Response to ExQ1 18.2	Paragraphs updated to include additions indicated in red text: “4.2.101 Assessment of construction noise impacts found moderate or major adverse impacts...”

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
		Page 67		
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 4.2 Construction phase Paragraph 4.2.102 Page 67	Response to ExQ1 18.23	Paragraphs updated to include additions indicated in red text: “4.2.102 The duration for HDD activities relating to A14 and River Cam crossings that result in moderate or major adverse impacts...”
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 4.2 Construction phase Paragraph 4.2.103 Page 67	Response to ExQ1 18.23	Paragraphs updated to include additions indicated in red text: “4.2.103 Assessment of construction noise impacts found moderate or major adverse impacts at RC2, RC5, RC6, RC9, RC10, RC11, RC22 and RC27 due to pipeline excavation, trenching and installation during the night-time assessment period. Due to the nature of these works (construction moving in a linear fashion) construction noise will only result in moderate or major adverse impacts...”
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 4.2 Construction phase Paragraph 4.2.107 Page 67	Response to ExQ1 18.23	Paragraphs updated to include additions indicated in red text and deletions struck through: “4.2.107 The assessment found noise levels greater than SOAEL and moderate or major adverse effects at several receptors due to HDD works which operate on a continuous basis. These effects resulted were found to be significant at RC7, RC17, RC22, RC23, RC25 without additional mitigation. Solid site hoarding or temporary acoustic barriers will therefore be used to minimise noise levels during continuous HDD works. These barriers will be implemented to reduce moderate and major adverse impacts and noise emissions during these works. With mitigation noise levels at receptors are reduced to less than SOAEL or noise levels from these works would increase the existing ambient noise level by less than +5dB such that moderate and major adverse impacts are reduced to minor adverse impacts. A requirement in Schedule 2 of the DCO to implement the CoCP (Appendix 2.1, App Doc Ref 5.4.2.1) requires use of solid site hoarding or temporary acoustic barriers during these activities to reduce noise impacts at nearby receptors.

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 5 Conclusion and Summary Paragraph 5.1.4 Page 88	Response to ExQ1 18.23	Paragraphs updated to include additions indicated in red text and deletions struck through: "5.1.4 The effects of the Proposed Development on noise and vibration sensitive receptors during construction would vary from negligible to moderate major adverse prior to mitigation, which would be significant in the case of moderate or major adverse effects."
App Doc Ref 5.2.17 [AS-036]	ES Chapter 17: Noise and Vibration	Section 5 Conclusion and Summary Table 5-1 Page 90-91	Response to ExQ1 18.23	Entries within the Magnitude of impact column for the following rows amended to include additions indicated in red text and deletions struck through: "Construction noise. Proposed WWTP: night-time, " Moderate Major Adverse " "Construction noise. Waterbeach Pipeline: night-time, " Moderate Major Adverse "
App Doc Ref 5.2.18 [APP- 050]	ES Chapter 18: Odour	Section: Summary Page iv	Response to ExQ1 1.24	Paragraphs updated to include additions indicated in red text: "This chapter of the Environmental Statement (ES) presents the potential impacts of the Proposed Development on odour during its construction (including commissioning), operation and maintenance, and decommissioning phases. Decommissioning as described in Chapter 2 of the ES (App Doc Ref 5.2.2) in relation to the existing Cambridge WWTP and permit surrender. "
App Doc Ref 5.2.18 [APP- 050]	ES Chapter 18: Odour	Section: Summary Page vii	Response to ExQ1 1.24	Paragraphs updated to include additions indicated in red text and deletions struck through under paragraph heading 'Summary of decommissioning effects': "Odour impacts during the decommissioning of the existing Cambridge WWTP, existing Waterbeach Water Recycling Centre (WRC) and the future decommissioning of the proposed WWTP, specifically the draining and cleaning of tanks, will be of short duration. The results of the assessment of residual effect take into account secondary mitigation measures contained within Part A and B of the CoCP (App Doc Ref 5.4.4.1 & 5.4.4.2). Overall, the odour risks identified from the decommissioning activities are negligible and not significant."
App Doc Ref 5.2.18 [APP- 050]	ES Chapter 18: Odour	Section 1.2 Table 1-2	Response to ExQ1 19.1	Addition of sub heading '1.3 Planning policy context' after Table 1-2.

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES															
		Page 3		Amendment to Table 1-2: “Mitigation measures have been presented in Error! Reference source not found the Code of Construction Practice (CoCP) Part A & B (Appendix 2.1 and 2.2 App Doc Ref 5.4.2.1 & 5.4.2.2), Outline Commissioning Plan (Appendix 2.4, App Doc Ref 5.4.2.4) and Outline Decommissioning Plan (Appendix 2.3, App Doc Ref 5.4.2.3) to prevent and mitigate odour emissions. These include design-specific mitigation (e.g., covered processes and positioning of odorous processes away from receptors) and management practices.”															
App Doc Ref 5.4.18.1 [APP-137]	Appendix 18.1: Odour Assessment Method and Effects Summary	Section 2 Summary of odour effects at sensitive receptors Table 2-2 Page 11	Response to ExQ1 19.16	Table 2-2 correction of drafting error for odour exposure risk and receptor sensitivity for the ‘Operation of the proposed WWTP-abnormal operations accidents or emergencies’ works description. Table 2-2 should include the following odour exposure risk and receptor sensitivity for these receptors. The drafting error does not change the likely odour effect of ‘Negligible’ or the conclusion that effects are not significant. <table border="1"> <thead> <tr> <th>Receptor reference</th> <th>Odour Exposure risk</th> <th>Receptor sensitivity</th> </tr> </thead> <tbody> <tr> <td>Low Fen Drove Way PROW 85/14</td> <td>Low</td> <td>Low</td> </tr> <tr> <td>Proposed footpath/cycleways</td> <td>Medium</td> <td>Low</td> </tr> <tr> <td>A14</td> <td>Low</td> <td>Low</td> </tr> <tr> <td>Land to the south of the A14 used for non-arable farming activities</td> <td>Low</td> <td>Low</td> </tr> </tbody> </table>	Receptor reference	Odour Exposure risk	Receptor sensitivity	Low Fen Drove Way PROW 85/14	Low	Low	Proposed footpath/cycleways	Medium	Low	A14	Low	Low	Land to the south of the A14 used for non-arable farming activities	Low	Low
Receptor reference	Odour Exposure risk	Receptor sensitivity																	
Low Fen Drove Way PROW 85/14	Low	Low																	
Proposed footpath/cycleways	Medium	Low																	
A14	Low	Low																	
Land to the south of the A14 used for non-arable farming activities	Low	Low																	
App Doc Ref 5.2.18 [APP- 050]	ES Chapter 18: Odour	Section 3.2 Future baseline Paragraph 3.2.1 and 3.2.3 Page 41	Clarification of future baseline in response to ExQ1 1.20	Paragraph 3.2.1 replaced with text in red and deletions shown as struck through: 3.2.1 Development considered in the future baseline is identified under the Cumulative Effects assessment. Where relevant identified receptors have been included in the assessment. 3.2.1 The methodology relating to the project’s approach to future baseline is presented in Chapter 5: EIA Methodology (App Doc Ref 5.2.25), section 3.6 (Description of the environmental baseline conditions (including future baseline)), alongside a the list of proposed															

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				<p>developments in Table 3-1 of that chapter that, at this time, are expected to fall into this category.</p> <p>Addition of paragraph 3.2.3 indicated in red text: 3.2.3 Sensitive receptors considered in the assessment for construction and operation assessment years may arise from the following developments:</p> <ul style="list-style-type: none"> • 2/00343/PRIOR): Parsonage Farm, Barn At Low Fen Drove Way Horningsea
App Doc Ref 5.2.20 [AS-040]	Chapter 20 Water Resources	1.1 Purpose of this chapter Paragraph 1.1.2 Page 1	Response to ExQ1 1.24	<p>Paragraph amended to include addition in red: “The ES has been prepared as part of the application to the Planning Inspectorate (PINS) for development consent. This chapter considers the potential impacts to water resources due to the Proposed Development during its construction (including commissioning), operation and maintenance, and decommissioning phases. Decommissioning as described in Chapter 2 of the ES (App Doc Ref 5.2.2) in relation to the existing Cambridge WWTP and permit surrender.”</p>
App Doc Ref 5.2.20 [AS-040]	Chapter 20 Water Resources	3.2 Future baseline Paragraph 3.2.2 Page 69 and 70	Clarification of future baseline in response to ExQ1 1.20	<p>Paragraph amended to include addition in red: 3.2.2 In reference to Table 3-1 Chapter 5: EIA Methodology (App Doc Ref 5.2.25), section 3.6 for the aspect of water resources, it is considered that none of the committed developments identified change the future baseline conditions for the construction years and that condition will remain broadly the same as the current baseline. It is considered that all committed developments would be compliant with the National Planning Policy Framework (NPPF) and would be located within areas of lowest flood risk from any source, in accordance with the sequential test. If the developments can not be located in areas of lowest flood risk, then the NPPF exception test would be applied, whereby the development must provide wider sustainability benefits that outweigh flood risk, would not increase flood risk elsewhere, and where possible, reduce flood risk overall. The Waterbeach New Town East development is associated with future</p>

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				changes to Bannold Drain once flows from the existing Waterbeach WRC cease. Development plans submitted propose to integrate the ditch into the surface water drainage strategy for this development and therefore it is reasonable to consider that the operational future baseline for the aspect of water resources would include modifications in this location including water levels. Given the development is not yet approved and that there is no updated development phasing information it is assumed this would occur once the proposed WWTP is operational but when this might occur is uncertain.
App Doc Ref 5.2.21 [AS-042]	ES Chapter 21: Major Accidents and Disasters	Section 1.3 Planning policy context Addition of Para 1.3.5 Page 8	Response to ExQ1 16.6b	Paragraph 1.3.5 added: "1.3.5 The relevant sections of Chapter 9 Climate Resilience (App Doc Ref 5.2.9), and Chapter 20 Water resources (App Doc Ref 5.2.20) should be reviewed in relation to policies relevant to Chapter 21 such as relating to extreme events i.e., rainfall and flooding."
App Doc Ref 5.2.21 [AS-042]	ES Chapter 21: Major Accidents and Disasters	Section 1.3 Planning policy context Paragraph 1.3.4 Page 8	Response to ExQ1 16.7	Paragraph 1.3.4 updated to refer to 'Policy 37'.
App Doc Ref 5.2.21 [AS-042]	ES Chapter 21: Major Accidents and Disasters	Section 1.3 Planning policy context Paragraph 1.3.4 Page 8	Response to ExQ1 16.6c	Paragraph 1.3.4 Bullet 4 added to include addition in red: Policy 26, Aerodrome Safeguarding, of the Cambridgeshire and Peterborough Combined Authority Minerals and Waste Local Plan
App Doc Ref 5.2.21 [AS-042]	ES Chapter 21: Major Accidents and Disasters	Section 2.7 Mitigation measures adopted as part of the Proposed Development Paragraph 2.7.33 Page 43	Response to ExQ1 16.3 – outline Decommissioning Plan incorrectly referenced	Amendment with addition indicated in red and deletions shown as struck through: "2.7.33 Decommissioning of the existing Cambridge WWTP would be subject to a Decommissioning Management Plan which is to be agreed with the Local Planning Authority. An O outline Decommissioning Management Plan (Application document Reference 7.18) describes measure applied to this activity. Post grant of the DCO and prior to

Application Document Reference	Document Title	Section & paragraph	Reason for the amendment to the ES	Amendment to the ES
				commencement of decommissioning a detailed plan will be prepared and agreed with the Local Planning Authority.”
App Doc Ref 5.2.21 [AS-042]	ES Chapter 21: Major Accidents and Disasters	Section 4.2 Construction Paragraph 4.2.26 Page 59	Response to ExQ1 16.4	Paragraph 4.2.26 updated with addition in red and deletions shown as struck through: “4.2.26 In the event of an incident occurring as a result of malicious damage or vandalism the Principal Contractor(s) would enact Emergency Response Preparedness Plans. These plans are also required by section 5.6 of Part A of the CoCP which requires that emergency procedures are developed in line ISO 14001 criteria and HSE standards by the appointed Principal Contractor(s) and incorporated into an Emergency Preparedness Plan(s).”
App Doc Ref 5.2.21 [AS-042]	ES Chapter 21: Major Accidents and Disasters	Section 4.4 Operation Paragraph 4.4.7 Page 64	Response to ExQ1 16.11b	Correction to paragraph 4.4.7 with additions in red and deletions shown as struck through: “4.4.7 The earth bank will be designed and constructed according to industry best practice earthworks standards. The earth bank would be designed to have effective drainage and would be subject to ongoing monitoring as part of the Landscape Ecology and Recreation Management Plan (LERMP) which would be applied for 30 years as a minimum as part of the biodiversity net gain (BNG) obligation Asset Management Plan (Application Doc Ref 5.4.89.1.14) which requires periodic inspection of earthworks for signs of ground movement and inspections of the condition of all earthwork assets, with repairs or replacement as required. ”
App Doc Ref 5.4.2.3 [AS-051]	Appendix 2.3: Outline Decommissioning Plan	Section 6.21 Innovation centre Paragraph 6.21.2 Page 21	ExQ1 15.7	6.21.2 needs updating to include reference to cleaning or sludge removal.
App Doc Ref 5.4.2.4 [AS-053]	Appendix 2.4: Outline Commissioning Plan	Throughout Appendix document	Response to ExQ 21.29	Outline commissioning plan needs updating in line with ES Chapter 20 (4.1.182) to cover FE from Waterbeach

Appendices

New Table 3-1 Committed developments, within Chapter 5 of the ES (App Doc Ref 5.2.5) [AS-23]

Development	Future Baseline (Construction year 1) (2024 unless otherwise stated in assessment chapter)	Future Baseline (Operation year 1) (2028 unless otherwise stated in assessment chapter)
S/2075/18/OL: Up to 4500 dwellings, business, retail, community, education and leisure uses, Waterbeach New Town East ;	Partial completion There are no formal phasing plans available; the first phase is anticipated to be near the relocated station but as this permission has not been granted and there is no certainty that this might happen. Should the construction commence prior to construction year 1 this would mean a small proportion of the overall development is future baseline with the majority to be delivered in a period that follows the construction phase of the Proposed Development. Any construction activities continuing throughout construction year 1 – 5 of the Proposed Development could give rise to cumulative effects.	Partial completion There are no overlapping operational activities that would spatially interact with the continued build out of the Waterbeach New Town East development that could result in cumulative effects. These being limited to occasional inspections of the Waterbeach pipeline.
S/0791/18/FL: Relocated railway station comprising platforms, pedestrian bridges, access route, cycle routes, Waterbeach New Town	In construction – considered in cumulative effects assessment Waterbeach station is anticipated to be completed in 2025. Whereby construction would overlap with year 1 and 2 of construction of the Proposed Development meaning that particular attention is required in relation to the approach and timing of the Waterbeach pipeline sections in this location, as well as operation of the Waterbeach compound required for the construction of the Proposed Development. Waterbeach station is therefore a cumulative	Construction completed Future baseline in relation to the operational phase of the Proposed Development.

Development	Future Baseline (Construction year 1) (2024 unless otherwise stated in assessment chapter)	Future Baseline (Operation year 1) (2028 unless otherwise stated in assessment chapter)
	scheme in relation to construction of the Proposed Development	
S/0559/17/OL: Up to 6500 dwellings, business, retail, community, leisure, education and sports use, Waterbeach New Town	<p>Partial completion Based on the Greater Cambridge Housing Trajectory and Five Year housing Land Supply Report (GCSP, 2023) development starting in 2023 with 111 units in 2023/24 rising to 300 a year by 2028/29 which then continues to 2041 and beyond (GCSP, 2023).</p> <p>Year 1 of construction an estimated 111 units, accounting for the fact these would also be served by supporting infrastructure as a worst case the development level completed of the overall project could be considered as 10% complete</p>	<p>Partial completion The rate of build out and completion is dependent on numerous factors, based on the Greater Cambridge Housing Trajectory and Five Year housing Land Supply Report (GCSP, 2023) by year 1 of operation the development level completed of the overall project could be considered in the order of 15% - 20% complete. These completed aspects would represent future baseline at year 1 of operation.</p>
S/2682/13/OL: Up to 1300 dwellings, school, food store, community and open spaces, Marleigh	Completed - future baseline	Completed - future baseline
18/0481/OUT: Up to 1200 dwellings, retail, education and community facilities on land north of Cherry Hinton	Completed - future baseline	Completed - future baseline
20/04010/FUL: One and two storey building containing offices, custody suite and associated facilities South of Milton Park and Ride.	Completed - future baseline	Completed - future baseline
22/02771/OUT <u>Cambridge North Residential Quarter</u> three new residential blocks providing for up to 425 residential units, parking and building services, landscaping, infrastructure works and demolition of existing structures.	Assume in construction – considered in cumulative effects assessment (AS OVERLAPPING WITH 21/05178) only one can be taken forward	Assumed completed - future baseline
21/05178/SCOP <u>Cambridge North Commercial Quarter</u> Hybrid application comprising Full Planning Permission for an office building and two lab buildings ground floor amenity uses, a Mobility Hub with car parking, a wildlife habitat area, Network Rail	Assume in construction – considered in cumulative effects assessment	Assumed completed - future baseline

Development	Future Baseline (Construction year 1) (2024 unless otherwise stated in assessment chapter)	Future Baseline (Operation year 1) (2028 unless otherwise stated in assessment chapter)
compound area, enabling works; and Outline Planning Permission for lab building and office building, together with ground floor amenity uses, enabling works and associated infrastructure.		
23/02953/SCOP Cambridge Science Park Milton Cambridge Request for a Formal Scoping Opinion for the demolition of existing units 210, 211, 214, 220, 230, 240 and redevelopment with Uoffice Research and Development with ancillary facilities with access, landscaping and supporting infrastructure	Assume in construction – considered in cumulative effects assessment	Assumed completed - future baseline
23/01509/FUL Vitrum Building St Johns Innovation Park Cowley Road Demolition of existing buildings and substructures and the erection of a Research and Development building (use Class E) with basement levels for car and cycle parking and building services, and associated landscaping, cycle parking, infrastructure works and plant.	Assume in construction – considered in cumulative effects assessment	Assumed completed - future baseline
23/01878/FUL Change of use and refurbishment of existing car showroom and new-build two-storey extension to create a new Operational Hub, reconfiguration and refurbishment of existing MOT garage to provide uPageraded office and storage space, car and van parking, cycle parking, landscaping, and associated infrastructure	Assume in construction – considered in cumulative effects assessment	Assumed completed - future baseline
23/00835/FUL Taylor Vinters Merlin Place 460 Milton Road Cambridge Cambridgeshire CB4 0DP Demolition of 2,730 sqm office building and construction of 13,096 sqm research and development accommodation including: Offices, lab space, parking, cycle parking, accesses, drainage, landscaping	Assume in construction – considered in cumulative effects assessment	Assumed completed - future baseline

Development	Future Baseline (Construction year 1) (2024 unless otherwise stated in assessment chapter)	Future Baseline (Operation year 1) (2028 unless otherwise stated in assessment chapter)

Get in touch

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You can view all our DCO application documents and updates on the application on The Planning Inspectorate website:

<https://infrastructure.planninginspectorate.gov.uk/projects/eastern/cambridge-waste-water-treatment-plant-relocation/>