

SCHEDULE OF ADDITIONAL BASELINE DATA

HyNet Carbon Dioxide Pipeline

Planning Act 2008

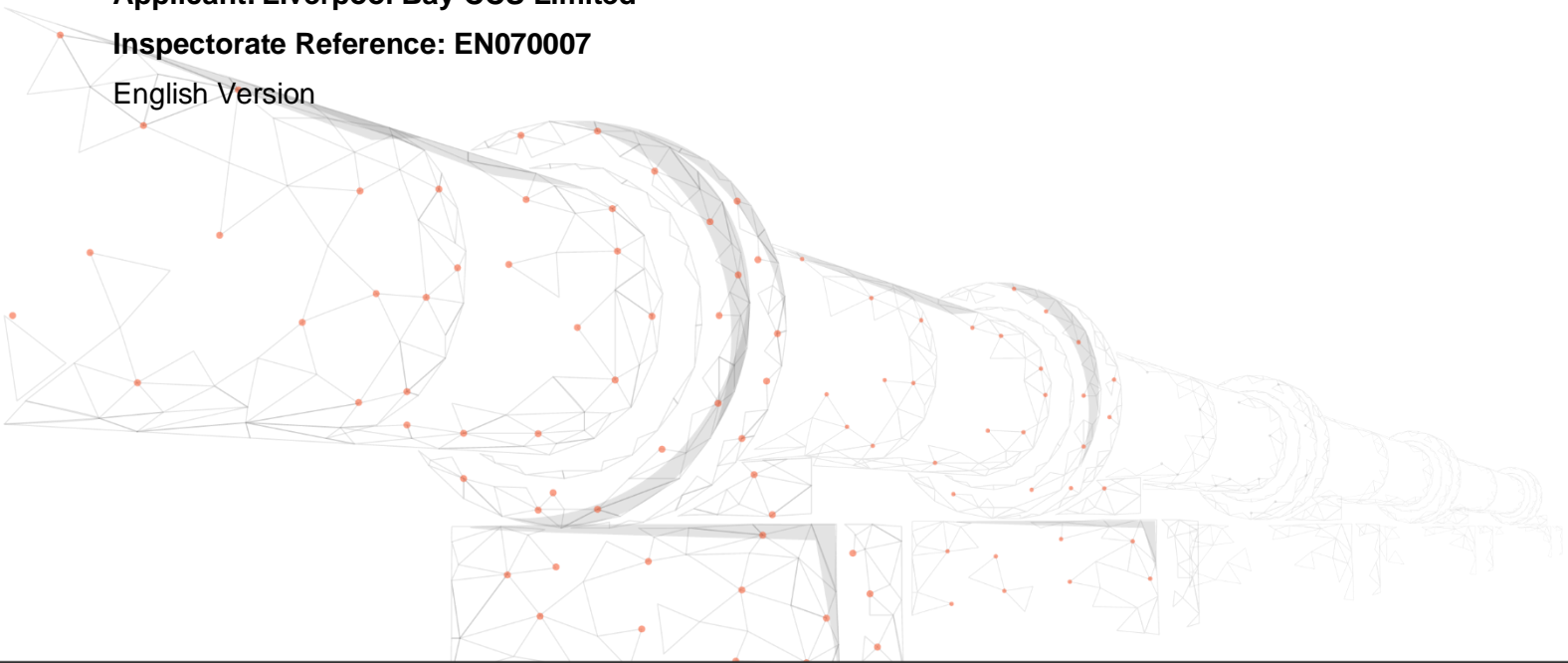
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1. INTRODUCTION

1.1. PURPOSE OF THIS DOCUMENT

- 1.1.1. This document has been prepared on behalf of Liverpool Bay CCS Limited ('the Applicant') and relates to an application ('the Application') for a Development Consent Order (DCO) that has been submitted to the Secretary of State (SoS) for Business, Energy and Industrial Strategy (BEIS) under Section 37 of the Planning Act 2008 ('the PA 2008'). The Application relates to the carbon dioxide (CO₂) pipeline which constitutes the DCO Proposed Development.

1.2. THE DCO PROPOSED DEVELOPMENT

- 1.2.1. HyNet (the Project) is an innovative low carbon hydrogen and carbon capture, transport and storage project that will unlock a low carbon economy for the North West of England and North Wales and put the region at the forefront of the UK's drive to Net-Zero. The details of the project can be found in the main DCO documentation.
- 1.2.2. A full description of the DCO Proposed Development is detailed in Chapter 3 of the Environmental Statement (ES) (as submitted with the DCO application) [APP-055]. The previously submitted ES is hereafter referred to as the '2022 ES'.
- 1.2.3. Following the Preliminary Meeting on 20 March 2023 and the Applicant's submission of its Notification of Intention to Submit a Change Request [AS-060] on 21 March 2023, the Applicant submitted a Change Request on 27 March 2023. The Applicant's Change Request includes '2023 ES Addendum Change Request 1' (document reference: D.7.7) and ES Addendum Chapter 3 provides an update to the description of the DCO Proposed Development in the 2022 ES [APP-055] resulting from the proposed design changes and clarifications to assessments.

2. APPLICANT'S RESPONSE

- 2.1.1. This document has been produced in response to Q1.9.1 of the Examining Authorities' Written Questions:
- 2.1.2. *The ExA recognises that some of the baseline survey information included within the ES is of some age. There are also circumstances which have arisen (including from the COVID-19 pandemic) which may or may not had an effect to using the baseline data and any conclusions/ assumptions to be drawn from that.*
- 2.1.3. *i) The Applicant is requested to set out in a single schedule (with reference to the relevant chapters) any additional baseline data gathering that has taken place or is ongoing, or otherwise set out the reasons why that existing baseline data remains fit for purpose.*
- 2.1.4. *ii) Can the Applicant also set out their response to any potential impact on any baseline position and their views as to the overall reliability of submitted information taking into account that particular change of circumstance, and any other material change of circumstances anticipated.*

2.2. SCHEDULE OF ADDITIONAL BASELINE DATA GATHERED SINCE SUBMISSION OF THE 2022 ES

Table 2-1 - Schedule of additional baseline data gathered since the submission of the 2022 ES for Written Question 1.9.1.

Topic	Type of Data	ES 2022 Documents	Additional baseline data gathering that has taken place or is ongoing			Narrative on existing baseline data validity where data has not been updated.
			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
Air Quality	Third party baseline data	Chapter 6 – Air Quality [APP-058]	N/A	No	No	<p>No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further details on baseline data collection methodology, please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 6 – Air Quality [APP-058].</p> <p>No baseline information as part of the Air Quality Assessment of the 2022 ES [APP-058] has changed due to circumstances arising such as the COVID-19 pandemic.</p>
Climate Resilience	Third party baseline data	Chapter 7 – Climate Resilience [APP-059]	N/A	No	No	<p>No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 7 – Climate Resilience [APP-059].</p> <p>No baseline information as part of the Climate Resilience Assessment of the 2022 ES [APP-059] has changed due to circumstances arising such as the COVID-19 pandemic.</p>
Cultural Heritage	Third party baseline data	Chapter 8 – Cultural Heritage [APP-060] Appendix 8.1 – HEDBA [APP-084-APP-086] Appendix 8.2 – Gazetteer [APP-087] Appendix 8.3 – Cultural Heritage Remote Sensing – Aerial Photos and LiDAR Assessment [APP-088]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Existing third party records used for 2022 ES updated against new newbuild infrastructure boundary.	No	<p>No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 7 – Cultural Heritage [APP-060].</p> <p>No baseline information as part of the Cultural Heritage Assessment of the 2022 ES [APP-060] has changed due to circumstances arising such as the COVID-19 pandemic.</p>

Topic	Type of Data	ES 2022 Documents	Additional baseline data gathering that has taken place or is ongoing			Narrative on existing baseline data validity where data has not been updated.
			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
		Appendix 8.4 Geophysical Survey Report [APP-089] Appendix 8.5 - Geoarchaeological Deposit Model Report [APP-090]				
	Survey: Non-intrusive site walkover	Chapter 8 – Cultural Heritage [APP-060]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Completed additional surveys for Design Change Request 1	No	N/A - baseline has been updated. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 7 – Cultural Heritage [APP-060]. No baseline information as part of the Cultural Heritage Assessment of the 2022 ES [APP-060] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Non-intrusive geophysical survey	Chapter 8 – Cultural Heritage [APP-060] Appendix 8.4 Geophysical Survey Report [APP-089]	N/A	No	No	No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 7 – Cultural Heritage [APP-060]. No baseline information as part of the Cultural Heritage Assessment of the 2022 ES [APP-060] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Intrusive trial trenching	No	N/A	No	Trial trenching onsite is complete (including for Design Change 1 Request where applicable). The findings of the investigations are being drafted and will be submitted during the Examination.	N/A - baseline is being produced. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 7 – Cultural Heritage [APP-060]. No baseline information as part of the Cultural Heritage Assessment of the 2022 ES [APP-060] has

Topic	Type of Data	ES 2022 Documents	Additional baseline data gathering that has taken place or is ongoing			Narrative on existing baseline data validity where data has not been updated.
			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
						changed due to circumstances arising such as the COVID-19 pandemic.
Biodiversity	Third party baseline data	Chapter 9 – Biodiversity [APP-061] Appendix 9.1 -Habitats and Designated Sites Survey Report [APP-091 - APP-093] Appendix 9.2 – Great Crested Newt Survey Report [APP-094 - APP-097] Appendix 9.3 – Bat Activity Survey Report [APP-098 - APP-101] Appendix 9.4 – Bats and Hedgerows Assessment [APP-102 - APP-105] Appendix 9.5 – Badger Survey Report CONFIDENTIAL [APP-106] Appendix 9.6 Riparian Mammal Survey Report [APP-107] Appendix 9.7 Barn Owl Survey Report CONFIDENTIAL [APP-108 – APP-111] Appendix 9.8 Bird Survey Report [APP-112] Appendix 9.9 Aquatic Ecology (Watercourses) Survey Report [APP-113] Appendix 9.10 Aquatic Ecology (Ponds)	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Appendix 9.1 -Habitats and Designated Sites Survey Report (D.6.3.9.1) Appendix 9.2 – Great Crested Newt Survey Report (D.6.3.9.2) Appendix 9.3 – Bat Activity Survey Report (D.6.3.9.3) Appendix 9.4 – Bats and Hedgerows Assessment (D.6.3.9.4) Appendix 9.5 – Badger Survey Report CONFIDENTIAL (D.6.3.9.5) Appendix 9.6 Riparian Mammal Survey Report (D.6.3.9.6) Appendix 9.7 Barn Owl Survey Report CONFIDENTIAL (D.6.3.9.7) Appendix 9.8 Bird Survey Report (D.6.3.9.8) Appendix 9.9 Aquatic Ecology (Watercourses) Survey (D.6.3.9.9) Appendix 9.10 Aquatic Ecology (Ponds) Survey Report (D.6.3.9.10) Appendix 9.11 - Arboricultural Impact Assessment (D.6.3.9.11) Existing third party records used for 2022 ES updated against new newbuild infrastructure boundary.	N/A	N/A - baseline has been updated. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 9 – Biodiversity [AS-025]. No baseline information as part of the Biodiversity Assessment of the 2022 ES [APP-061] has changed due to circumstances arising such as the COVID-19 pandemic.

Topic	Type of Data	ES 2022 Documents	Additional baseline data gathering that has taken place or is ongoing			Narrative on existing baseline data validity where data has not been updated.
			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
		Survey Report [APP-114] Appendix 9.11 - Arboricultural Impact Assessment [APP-115 - APP-120]				
	Survey: Habitats and designated sites	Chapter 9 – Biodiversity [APP-061] Appendix 9.1 -Habitats and Designated Sites Survey Report [APP-091 - APP-093]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Appendix 9.1 -Habitats and Designated Sites Survey Report (D.6.3.9.1) Completed additional surveys for Design Change Request 1	No	N/A - baseline has been updated. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 9 – Biodiversity [AS-025]. No baseline information as part of the Biodiversity Assessment of the 2022 ES [APP-061] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Great crested newt	Chapter 9 – Biodiversity [APP-061] Appendix 9.2 – Great Crested Newt Survey Report [APP-094 - APP-097]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Appendix 9.2 – Great Crested Newt Survey Report (D.6.3.9.2) Existing survey information used for 2022 ES updated against new newbuild infrastructure boundary.	No	N/A - baseline has been updated. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 9 – Biodiversity [AS-025]. No baseline information as part of the Biodiversity Assessment of the 2022 ES [APP-061] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Bat activity	Chapter 9 – Biodiversity [APP-061] Appendix 9.3 – Bat Activity Survey Report [APP-098 - APP-101]	Chapter 9 – Biodiversity [AS-025] Appendix 9.3 – Bat Activity Survey Report [AS-057, AS-029] Submitted additional survey information post submission of 2022 ES	Environmental Statement Addendum Design Change Request 1 (D.7.7) Appendix 9.3 – Bat Activity Survey Report (D.6.3.9.3) Completed additional surveys for Design Change Request 1	No	N/A - baseline has been updated. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 9 – Biodiversity [AS-025]. As explained in Chapter 9 – Biodiversity [AS-025] and Appendix 9.3 – Bat Activity Survey Report [AS-057, AS-029] restrictions on surveys within buildings was imposed due to COVID-19 pandemic to safeguard surveyor and public health. However, an

Topic	Type of Data	ES 2022 Documents	Additional baseline data gathering that has taken place or is ongoing			Narrative on existing baseline data validity where data has not been updated.
			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
						appropriate survey effort was applied and is not considered to have negatively impacted the assessment or mitigation prescriptions.
	Survey: Bats and hedgerows	Chapter 9 – Biodiversity [APP-061] Appendix 9.4 – Bats and Hedgerows Assessment [APP-102 - APP-105]	Chapter 9 – Biodiversity [AS-025] Appendix 9.4 – Bats and Hedgerows Assessment [AS-031, AS-033, AS-059, AS-035 - AS-038] Submitted additional survey information post submission of 2022 ES	No	No	N/A - baseline has been updated. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 9 – Biodiversity [AS-025]. No baseline information as part of the Biodiversity Assessment of the 2022 ES [APP-061] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Badger	Chapter 9 – Biodiversity [APP-061] Appendix 9.5 – Badger Survey Report CONFIDENTIAL [APP-106]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Appendix 9.5 – Badger Survey Report CONFIDENTIAL (D.6.3.9.5) Completed additional surveys for Design Change Request 1	No	N/A - baseline has been updated. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 9 – Biodiversity [AS-025]. No baseline information as part of the Biodiversity Assessment of the 2022 ES [APP-061] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Riparian Mammals	Chapter 9 – Biodiversity [APP-061] Appendix 9.6 Riparian Mammal Survey Report [APP-107]	Chapter 9 – Biodiversity [AS-025] Appendix 9.6 Riparian Mammal Survey Report [AS-039] Submitted additional survey information post submission of 2022 ES	Environmental Statement Addendum Design Change Request 1 (D.7.7) Appendix 9.6 Riparian Mammal Survey Report (D.6.3.9.6) Completed additional surveys for Design Change Request 1	No	N/A - baseline has been updated. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 9 – Biodiversity [AS-025]. No baseline information as part of the Biodiversity Assessment of the 2022 ES [APP-061] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Barn Owl	Chapter 9 – Biodiversity [APP-061]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7)	No	N/A - baseline has been updated.

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			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
		Appendix 9.7 Barn Owl Survey Report CONFIDENTIAL [APP-108 – APP-111]		Appendix 9.7 Barn Owl Survey Report CONFIDENTIAL (D.6.3.9.7) Completed additional surveys for Design Change Request 1		For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 9 – Biodiversity [AS-025]. No baseline information as part of the Biodiversity Assessment of the 2022 ES [APP-061] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Birds	Chapter 9 – Biodiversity [APP-061] Appendix 9.8 Bird Survey Report [APP-112]	N/A	No	No	No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 9 – Biodiversity [AS-025]. No baseline information as part of the Biodiversity Assessment of the 2022 ES [APP-061] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Aquatic Ecology (Watercourses)	Chapter 9 – Biodiversity [APP-061] Appendix 9.9 Aquatic Ecology (Watercourses) Survey Report [APP-113]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Appendix 9.9 Aquatic Ecology (Watercourses) Survey (D.6.3.9.9) Completed additional survey for Design Change Request 1	No	N/A - baseline has been updated. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 9 – Biodiversity [AS-025]. No baseline information as part of the Biodiversity Assessment of the 2022 ES [APP-061] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Aquatic Ecology (Ponds)	Chapter 9 – Biodiversity [APP-061] Appendix 9.10 Aquatic Ecology (Ponds) Survey Report [APP-114]	N/A	No	No	No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further details on baseline data collection methodology please refer to Chapter 5 – EIA

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			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
						<p>methodology [APP-057] and Chapter 9 – Biodiversity [AS-025].</p> <p>No baseline information as part of the Biodiversity Assessment of the 2022 ES [APP-061] has changed due to circumstances arising such as the COVID-19 pandemic.</p>
	Survey: Arboriculture	Chapter 9 – Biodiversity [APP-061] Appendix 9.11 - Arboricultural Impact Assessment [APP-115 - APP-120]	N/A	<p>Environmental Statement Addendum Design Change Request 1 (D.7.7) Appendix 9.11 - Arboricultural Impact Assessment (D.6.3.9.11)</p> <p>Completed additional surveys for Design Change Request 1</p>	No	<p>N/A - baseline has been updated.</p> <p>For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 9 – Biodiversity [AS-025].</p> <p>No baseline information as part of the Biodiversity Assessment of the 2022 ES [APP-061] has changed due to circumstances arising such as the COVID-19 pandemic.</p>
Greenhouse Gas	Third party baseline data	Chapter 10 – Greenhouse Gas [APP-062]	N/A	No	No	<p>No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 10 – Greenhouse Gas [APP-062].</p> <p>No baseline information as part of the Greenhouse Gas Assessment of the 2022 ES [APP-062] has changed due to circumstances arising such as the COVID-19 pandemic.</p>
Land and Soils	Third party baseline data	Chapter 11 – Land and Soils [APP-063] Appendix 11.1 – Phase 1 Preliminary Assessment (Baseline Report) [APP-117 – APP-120] Appendix 11.2 – Coal Mining Risk	N/A	<p>Environmental Statement Addendum Design Change Request 1 (D.7.7)</p> <p>Existing third party records used for 2022 ES updated against new newbuild infrastructure boundary.</p>	No	<p>No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 11 – Land and Soils [APP-063].</p> <p>No baseline information as part of the Land and Soils Assessment of the 2022 ES [APP-063] has</p>

Topic	Type of Data	ES 2022 Documents	Additional baseline data gathering that has taken place or is ongoing			Narrative on existing baseline data validity where data has not been updated.
			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
		Assessment [AS-043 – AS-052] Appendix 11.3 – Minerals Resource Assessment [APP-131-APP-132] Appendix 11.4 Agricultural Land Classification and Soil Resources (Newbuild Infrastructure Pipeline) Report [APP-133] Appendix 11.5 Agricultural Land Classification and Soil Resources (Block Valve Stations) Report [APP-134] Appendix 11.6 Ground Investigations Report [APP-135 – APP-137]				changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Non-intrusive site walkover	Chapter 11 – Land and Soils [APP-063] Appendix 11.1 – Phase 1 Preliminary Assessment (Baseline Report) [APP-117 – APP-120]	N/A	No	No	No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 11 – Land and Soils [APP-063]. No baseline information as part of the Land and Soils Assessment of the 2022 ES [APP-063] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Agricultural Land Survey	Chapter 11 – Land and Soils [APP-063] Appendix 11.4 Agricultural Land Classification and Soil Resources (Newbuild Infrastructure Pipeline) Report [APP-133]	N/A	No.	No	No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 11 – Land and Soils [APP-063].

Topic	Type of Data	ES 2022 Documents	Additional baseline data gathering that has taken place or is ongoing			Narrative on existing baseline data validity where data has not been updated.
			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
		Appendix 11.5 Agricultural Land Classification and Soil Resources (Block Valve Stations) Report [APP-134]				No baseline information as part of the Land and Soils Assessment of the 2022 ES [APP-063] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Ground investigation	Chapter 11 – Land and Soils [APP-063] Appendix 11.6 Ground Investigations Report [APP-135 – APP-137]	N/A	No	No	No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 11 – Land and Soils [APP-063]. No baseline information as part of the Land and Soils Assessment of the 2022 ES [APP-063] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Topographic Survey	Appendix 11.6 Ground Investigations Report [APP-135 - APP-137] Outline Surface Water Drainage Strategy [APP-241] Outline Surface Water Drainage Strategy - Annex A - Proposed Development Plans and Topographical Survey [APP-243] Appendix 18.4 Flood Risk Assessment [APP-166-167] Appendix 18.5 Flood Consequences Assessment [AS-004 – AS-006]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Outline Surface Water Drainage Strategy (D.6.5.13) Outline Surface Water Drainage Strategy - Annex A - Proposed Development Plans and Topographical Survey (D.6.5.13.2) Completed additional survey for Design Change Request 1	No	N/A - baseline has been updated. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 11 – Land and Soils [APP-063]. No baseline information as part of the Land and Soils Assessment of the 2022 ES [APP-063] has changed due to circumstances arising such as the COVID-19 pandemic.
Landscape and Visual	Third party baseline data	Chapter 12 - Landscape and Visual [APP-064]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7)	No	No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further

Topic	Type of Data	ES 2022 Documents	Additional baseline data gathering that has taken place or is ongoing			Narrative on existing baseline data validity where data has not been updated.
			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
		Appendix 12.1 – Baseline Information [APP-138] Appendix 12.2 – Landscape and Visual Impact Assessment Methodology [APP-139]		Existing third party records used for 2022 ES updated against new newbuild infrastructure boundary.		<p>details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 12 – Landscape and Visual [APP-064].</p> <p>No baseline information as part of the Landscape and Visual Assessment of the 2022 ES [APP-064] has changed due to circumstances arising such as the COVID-19 pandemic.</p>
	Survey: Non-intrusive site walkover	Chapter 12 - Landscape and Visual [APP-064] Appendix 12.1 – Baseline Information [APP-138] Appendix 12.2 – Landscape and Visual Impact Assessment Methodology [APP-139]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Completed additional surveys for Design Change Request 1	No	<p>N/A - baseline has been updated.</p> <p>For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 12 – Landscape and Visual [APP-064].</p> <p>No baseline information as part of the Landscape and Visual Assessment of the 2022 ES [APP-064] has changed due to circumstances arising such as the COVID-19 pandemic.</p>
	Survey: Viewpoint	Chapter 12 - Landscape and Visual [APP-064] Appendix 12.4 Visual Analysis [APP-141]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Appendix 12.4 Visual Analysis (D.6.3.12.4) Completed additional surveys for Design Change Request 1	No	<p>N/A - baseline has been updated.</p> <p>For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 12 – Landscape and Visual [APP-064].</p> <p>No baseline information as part of the Landscape and Visual Assessment of the 2022 ES [APP-064] has changed due to circumstances arising such as the COVID-19 pandemic.</p>
	Survey: Verified photographs	Chapter 12 - Landscape and Visual [APP-064]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Completed additional surveys for Design Change Request 1	No	<p>N/A - baseline has been updated.</p> <p>For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 12 – Landscape and Visual [APP-064].</p> <p>No baseline information as part of the Landscape and Visual Assessment of the 2022 ES [APP-064]</p>

Topic	Type of Data	ES 2022 Documents	Additional baseline data gathering that has taken place or is ongoing			Narrative on existing baseline data validity where data has not been updated.
			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
						has changed due to circumstances arising such as the COVID-19 pandemic.
Major accidents and Disasters	Third party baseline data	Chapter 13 – Major Accidents and Disasters [APP-065]	N/A	No	No	<p>No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 13 - Major Accidents and Disasters [APP-065].</p> <p>No baseline information as part of the Major Accidents and Disasters Assessment of the 2022 ES [APP-065] has changed due to circumstances arising such as the COVID-19 pandemic.</p>
Materials Assets and Waste	Third party baseline data	Chapter 14 – Materials Assets and Water [APP-066]	N/A	No	No	<p>No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity.</p> <p>Some materials baseline and waste data have been updated since producing the 2022 ES. This data has been reviewed and it has been confirmed that the updates would not alter the findings of the assessments.</p> <p>For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 14 – Materials Assets and Water [APP-066].</p> <p>No baseline information as part of the Materials Assets and Waste Assessment of the 2022 ES [APP-066] has changed due to circumstances arising such as the COVID-19 pandemic.</p>
Noise and Vibration	Third party baseline data	Chapter 15 – Noise and Vibration [APP-067]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7)	No	<p>N/A - baseline has been updated.</p> <p>For further details on baseline data collection methodology please refer to Chapter 5 – EIA</p>

Topic	Type of Data	ES 2022 Documents	Additional baseline data gathering that has taken place or is ongoing			Narrative on existing baseline data validity where data has not been updated.
			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
				Existing third party records used for 2022 ES checked against new newbuild infrastructure boundary.		methodology [APP-057] and Chapter 15 – Noise and Vibration [APP-067].
	Survey: Unattended noise measurements	Chapter 15 – Noise and Vibration [APP-067] Appendix 15.1 – Baseline Noise Data [APP-144]	N/A	No	No	<p>No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity.</p> <p>For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 15 – Noise and Vibration [APP-067].</p> <p>Unattended noise measurements were taken in October 2021, November 2021, March 2022. The assessment and conclusions took note of Joint Guidance from the Association of Noise Consultants (ANC) and the Institute of Acoustics (IOA) on the Impact of COVID-19 on the Practicality and Reliability of Baseline Sound Level Surveying and the Provision of Sound and Noise Impact Assessment (Version 6 2021, 12/01/2021).</p> <p>See Traffic and Transport for details on traffic survey monitoring during Covid-19 restrictions. This data formed part of the baseline for the noise assessment.</p>
Population and Human Health	Third party baseline data	Chapter 16 – Population and Human Health [APP-068] Appendix 16.1 – Land Use and Assets [APP-147] Appendix 16.2 – ProWs [APP-148]	N/A	<p>Environmental Statement Addendum Design Change Request 1 (D.7.7)</p> <p>Third party baseline data was updated for Design Change Request 1</p>	No	<p>N/A - baseline has been updated.</p> <p>For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 16 – Population and Human Health [APP-068].</p> <p>No baseline information as part of the Population and Human Health Assessment of the 2022 ES [APP-068] has changed due to circumstances arising such as the COVID-19 pandemic.</p>

Topic	Type of Data	ES 2022 Documents	Additional baseline data gathering that has taken place or is ongoing			Narrative on existing baseline data validity where data has not been updated.
			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
Traffic and Transport	Third party baseline data	Chapter 17 – Traffic and Transport [APP-069]	N/A	No	No	<p>No additional baseline data required. Data considered to be fit for purpose and collected in line with best practice requirements, including recommended timescales for validity.</p> <p>For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 17 – Traffic and Transport [APP-069].</p> <p>No third party baseline data as part of the Traffic and Transport Assessment of the 2022 ES [APP-069] has changed due to circumstances arising such as the COVID-19 pandemic.</p>
	Survey: Automatic Traffic Count survey	Chapter 17 – Traffic and Transport [APP-069] Appendix 17.1 – Surveyed Traffic Data [APP-149]	N/A	<p>Environmental Statement Addendum Design Change Request 1 (D.7.7) Appendix 17.1 Surveyed Traffic Data (D.6.3.17.1)</p> <p>Completed additional surveys for Design Change Request 1</p>	No	<p>N/A – baseline has been updated.</p> <p>ATC surveys undertaken in October 2021 were undertaken for a two-week period (24 hours a day, 7 days a week), as per the National Highways Guidance Note (30 July 2021) on assessing traffic conditions during Covid-19 restrictions. CWCC and FCC have both confirmed that they were content with this method/approach because it represented a robust baseline for traffic conditions and was in line with National Highways Guidance.</p> <p>Surveys undertaken following the removal of all Covid-19 restrictions (in March and July 2022) were each undertaken for a one-week period (24 hours a day, 7 days a week), outside of school holidays. CWCC and FCC have again agreed on the suitability of this approach/method for determining a baseline.</p> <p>For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 17 – Traffic and Transport [APP-069].</p>
Water Resources	Third party baseline data	Chapter 18 – Water Resources and Flood Risk [APP-070]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7)	No	N/A - baseline has been updated.

Topic	Type of Data	ES 2022 Documents	Additional baseline data gathering that has taken place or is ongoing			Narrative on existing baseline data validity where data has not been updated.
			S51 Advice ES Update	ES Addendum Change Request 1	Ongoing	
and Flood Risk		Appendix 18.1 Baseline [APP-163] Appendix 18.3 Water Framework Directive Assessment [APP-165] Appendix 18.4 Flood Risk Assessment [APP-166-167] Appendix 18.5 Flood Consequences Assessment [AS-004 – AS-006]		Environmental Statement Addendum Change Request 1 – Appendix A ES Appendices Addenda (D.7.7.1) Existing third party records used for 2022 ES checked against new newbuild infrastructure boundary.		For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 18 – Water Resources and Flood Risk [APP-070]. No baseline information as part of the Water Resources and Flood Risk Assessment of the 2022 ES [APP-070] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: Non-intrusive site walkover	Chapter 18 – Water Resources and Flood Risk [APP-070] Appendix 18.1 Baseline [APP-163] Appendix 18.3 Water Framework Directive Assessment [APP-165]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Appendix 18.1 Baseline (D.6.3.18.1) Completed additional surveys for Design Change Request 1	Yes - in relation to Alltami Brook	N/A - baseline has been updated. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 18 – Water Resources and Flood Risk [APP-070]. No baseline information as part of the Water Resources and Flood Risk Assessment of the 2022 ES [APP-070] has changed due to circumstances arising such as the COVID-19 pandemic.
	Survey: River conditions assessment	Chapter 18 – Water Resources and Flood Risk [APP-070] Appendix 18.1 Baseline [APP-163] Appendix 18.3 Water Framework Directive Assessment [APP-165]	N/A	Environmental Statement Addendum Design Change Request 1 (D.7.7) Appendix 18.1 Baseline (D.6.3.18.1) Appendix 18.3 Water Framework Directive Assessment [APP-165] Completed additional surveys for Design Change Request 1	No	N/A - baseline has been updated. For further details on baseline data collection methodology please refer to Chapter 5 – EIA methodology [APP-057] and Chapter 18 – Water Resources and Flood Risk [APP-070]. No baseline information as part of the Water Resources and Flood Risk Assessment of the 2022 ES [APP-070] has changed due to circumstances arising such as the COVID-19 pandemic.