

Viking CCS Pipeline

**Environmental
Statement Volume IV –
Appendix 20-1:
Cumulative Effects
Assessment Long List**

Document Reference: EN070008/APP/6.4.20.1

Applicant: Chrysaor Production (U.K.) Limited,
a Harbour Energy Company
PINS Reference: EN070008
Planning Act 2008 (as amended)
The Infrastructure Planning (Applications: Prescribed Forms
and Procedure) Regulations 2009 - Regulation 5(2)(a)
Date: October 2023

PINS Reference	Document Reference	Document Revision	Date
EN070008	EN070008/APP/6.4.20.1	Revision 1	October 2023

Prepared by	Verified by	Approved by
HT	MW	NP
Principal EIA Consultant	EIA Technical Director	IAPA Lead Director

Prepared by:

AECOM Limited
Exchange Station
Tithebarn Street
Liverpool
Merseyside
L2 2QP

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1 Cumulative Effects Assessment Long List

1.1 Long List of Cumulative Schemes

1.1.1 A long list of cumulative development has been identified for initial consideration within the cumulative assessment. This list was developed, and continually updated up until the cut-off date of end of May 2023. This list was established by the AECOM planning team through:

- Detailed review and analysis of the Planning Inspectorates website;
- Detailed review and analysis of the Local Planning Authorities Planning application websites; and
- Direct communication and consultation with each of the Local Planning Authorities in April/May 2023.

1.1.2 In line with The Planning Inspectorates Advice Note 17, the focus for identifying other potential cumulative schemes is based on identifying other major developments. Whilst no definitive definition of what constitutes a major development exists, the Town and Country Planning (Development Management Procedure) (England) Order 2015 states that major development includes development involving any one or more of the following:

- the winning and working of minerals or the use of land for mineral-working deposits;
- waste development;
- the provision of dwellinghouses where—
 - the number of dwellinghouses to be provided is 10 or more; or
 - the development is to be carried out on a site having an area of 0.5 hectares or more.
- the provision of a building or buildings where the floor space to be created by the development is 1,000 square metres or more;
- development carried out on a site having an area of 1 hectare or more.

1.1.3 This definition has been used when preparing the initial long list of other relevant schemes included in Table 1 below, although where other developments have been suggested by the various LPA's which do not necessarily meet these criteria, these have been included in this long list for further consideration.

Table 1: Long List of Cumulative Schemes

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
Nationally Significant Infrastructure Projects							
#DCO-1	EN010097	<p><u>VPI Immingham Open Cycle Gas Turbine (OCGT) (VPI Immingham B Ltd)</u></p> <p>The Proposed Development comprises the construction and operation (including maintenance) of a gas-fired Open Cycle Gas Turbine (OCGT) power station with a gross electrical output of up to 299 megawatts (MW). Gas would be supplied to the Proposed Development by means of new and existing gas connection pipelines.</p>	DCO granted. Indicative construction period commences Q1 2021 with commissioning Q4 2022.	The Order Limits of EN010097 are located directly adjacent to Section 1 of the Proposed Development's DCO Site Boundary and intersect for approximately 1.2 km (associated with the cable route of EN010097).	1	NO	The indicative construction programme states that the other development will commence in Q1 2021 with commissioning taking place in Q4 2022 therefore this development forms part of the current/future baseline assessed within the technical ES chapters.
#DCO-2	EN010038	<p><u>North Killingholme Power Project (C.GEN Killingholme Ltd)</u></p> <p>C.Gen has development consent to build a 470MW power station on the south bank of the Humber Estuary, near North Killingholme, North Lincolnshire.</p>	DCO granted. The project construction is likely to commence in 2022 and is expected to enter into commercial operation in 2024.	EN010038 Order Limits are located approximately 2.5km north west of Section 1 of the Project's Draft Order Limits at Immingham.	1	NO	The other development's construction is likely to commence in 2022 and is expected to enter into commercial operation in 2024 which is before the Proposed Developments

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
							construction phase is expected to commence and therefore the other development is considered within the future baseline.
#DCO-3	EN010098	<p><u>Hornsea Project One Offshore Wind Farm (Orsted Hornsea Project One Limited)</u></p> <p>The Hornsea Project One onshore export cable corridor consists of an 80 m onshore temporary easement (although a wider corridor of 120 m is provided for at the crossing of the National Rail Network at Beswick). The permanent easement width will be 60 m except where obstacles are encountered such as the Network Rail Crossing near Beswick (where the permanent footprint may be extended up to 120 m to facilitate trenchless crossing of the railway line), and on the approach to the landfall and onshore substation.</p>	DCO granted – 10 December 2014	Section 2 of the Proposed Development's DCO Site Boundary run adjacent to EN010098's Order Limits from Immingham to Brigsley, overlapping near Roxton Farm. At Brigsley, in Section 3 the Hornsea One onshore export cable travels east away from the DCO Site Boundary, towards the coast.	1	NO	The construction of this project is complete and commissioned in December 2019 therefore this development forms part of the current baseline assessed within the technical ES chapters.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
#DCO-4	TR030001	<p><u>ABLE Marine Energy Park (Able Humber Ports Ltd)</u></p> <p>A new and substantial manufacturing base for the offshore marine energy sector.</p> <p>Material Change Application 1: Submitted in 2020 to extend the time limit to acquire land. Not Clear if approved but presumably was approved as 2nd mat change approved after this.</p> <p>Material Change Application 2: Approved July 2022.</p>	<p>DCO granted. Original DCO Application submitted 2012. DCO revisions also made. Two applications have been submitted to the SoS for material changes. The latest was approved July 2022.</p> <p>Construction is scheduled to begin in June 2022 and be completed by March 2025.</p> <p>First quays are planned to be available in Q3 2023.</p>	<p>The Draft Order Limits of TR030001 are adjacent to Section 1 of the Proposed Development's DCO Site Boundary Immingham. Part of TR030001 Order Limits overlap with Section 1 of the DCO Site Boundary on Humber Road.</p>	1	NO	<p>The other development's construction is likely to commence in June 2022 and be completed by March 2025 which is before the Proposed Developments construction phase is expected to commence and therefore the other development is considered within the future baseline.</p>
#DCO-5	TR030007	<p><u>Immingham Eastern Ro-Ro Terminal</u></p> <p>A new roll-on/roll-off facility comprising a new jetty with up to four berths, improved hardstanding, Terminal buildings and an internal side</p>	<p>Pre-examination stage, construction not likely to start until 2026 at earliest.</p>	<p>TR030007 Scoping Boundary is located approximately 13.5 km east of</p>	2	YES	<p>Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.</p>

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		bridge to cross over existing port infrastructure.		the DCO Site Boundary.			
#DCO-6	EN010107	<p><u>South Humber Bank Energy Centre (EP Waste Management Limited)</u></p> <p>The construction and operation of an energy from waste plant of up to 95MW gross capacity and associated development including an electrical connection, landscaping and access.</p>	DCO granted. Indicative construction period commenced Q2 2020 with commissioning Q4 2023.	EN010107 Order Limits are located approximately 4.8 km north-east of Section 1 of DCO Site Boundary.	1	NO	The indicative construction programme states that the other development will commence in Q2 2020 with commissioning taking place in Q4 2023 therefore this development is considered within the future baseline.
#DCO-7	EN070006	<p><u>Humber Low Carbon Pipelines (National Grid Carbon)</u></p> <p>A new onshore pipeline network to transport captured carbon dioxide from the region's emitters for safe subsea storage and to enable industries to fuel-switch from fossil fuels to low carbon hydrogen.</p>	<p>At the pre-application stage, DCO submission expected Q3 of 2023.</p> <p>Indicative construction period lasts for 44 months, with construction to commence no earlier than 2025.</p>	EN070006's Scoping Boundary is approximately 2.6 km west of the DCO Site Boundary.	2	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.

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#DCO-8	TR030008	<p><u>Immingham Green Energy Terminal (Associated British Ports)</u></p> <p>The Project comprises a new liquid bulk import terminal and associated processing facility, the purpose of which is to deliver a green hydrogen production facility. Imported ammonia will be stored and processed at the site to create green hydrogen, for onward transport to filling stations throughout the UK. Key project infrastructure comprises; a new approach trestle; jetty superstructure and topside infrastructure; and land side processing infrastructure.</p>	<p>At the pre-application stage, Scoping Report submitted to the Planning Inspectorate on 30 August 2022.</p> <p>DCO submission expected Q3 2023.</p>	TR030008 Scoping Boundary is located approximately 2.2 km south east of the DCO Site Boundary.	2	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#DCO-9	TR010016	<p><u>A63 Castle Street Improvement (National Highways)</u></p> <p>The Scheme comprises the following improvements to approximately 1.5 km of the A63 and connecting side roads in Hull between Ropery Street and the Market Place/Queen Street junction: -</p>	DCO granted. Construction work commenced in 2020 with and is expected to be complete by early 2025.	TR010016 Order Limits are located approximately 13.1 km east of the DCO Site Boundary.	1	NO	Construction works commenced in 2020 and is expected to be complete by early 2025 therefore the other development is considered within the future baseline as the construction and

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		<p>Lowering the level of the A63 by approximately 7m into an underpass at the Mytongate Junction and raising Ferensway and Commercial Road by approximately 1m creating a grade separated (split-level) junction. New east and west-bound slip roads would link the A63 and Mytongate Junction. - Widening the east-bound carriageway of the A63 to three lanes between Princes Dock Street and Market Place, with the nearside lane being marked for local traffic. - Removing all existing signal controlled and uncontrolled pedestrian crossings on the A63, between Ropery Street and the Market Place/Queen Street junction. - Providing a new bridge over the A63 for pedestrians, cycles and disabled users at Porter Street. - Providing a new bridge over the A63 for pedestrians, cycles and disabled users south of Princes Quay shopping centre.</p>					<p>operational phases will not overlap.</p>

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#DCO-10	EN060004	<p><u>River Humber Gas Pipeline Replacement Project</u></p> <p>The replacement of a 42-inch natural gas transmission pipeline, housed within a tunnel beneath the Humber Estuary commencing approximately 2 miles north east of Goxhill, North Lincolnshire, terminating approximately 1 mile south east of Paull, East Riding of Yorkshire.</p>	DCO Granted Construction on the tunnel started from Goxhill, North Lincolnshire, in late 2017. Construction was completed in 2020.	EN060004 Order Limits are located approximately 6.8 km north of the DCO Site Boundary.	2	NO	Construction was completed in 2020 therefore this development forms part of the current baseline assessed within the technical ES chapters.
North East Lincolnshire Council							
#NELC CULM-1	DM/0211/20/REM	<p><u>Keigar Homes Ltd – Residential Development off Station Road, Habrough.</u></p> <p>Reserved matters application following DM/0950/15/OUT (Outline application for a residential development of up to 118 dwellings, with access to be considered) to erect 118 dwellings with appearance, landscaping, layout and scale to be considered.</p>	Approved – September 2021. This development is to commence within three years of date of permission.	Approximately 1.3 km east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NELC CULM-2	DM/1175/17/FUL	<p><u>Peter Ward Homes – Brocklesby Avenue Habrough Road</u></p>	Approved – 23 December 2019. Construction of this	Approximately 380 m east of	1	YES	Potential for there to be overlap of the construction and

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		Residential development for 145 dwellings with associated parking, landscaping and emergency vehicular access only onto Mill Lane (amended plans and documents January 2019).	development has commenced.	the DCO Site Boundary.			operational phase therefore potential for cumulative effects to occur.
#NELC CULM-3	DM/0696/19/FUL	<u>Cyden Homes – Residential development at Midfield Road, Humberston.</u> Erection of 225 dwellings with access off Midfield Road and Andrew Road with ancillary parking, garaging and associated infrastructure and widening of Andrew Road (additional information supplied: Habitat Regulations Assessment June 2022) - amended plans and information July 2022	Pending consideration – application validated 15 August 2019. Amended plans and information were submitted in May 2023.	Approximately 4 km north-east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NELC CULM-4	DM/0313/16/FUL	Erection of 204 dwellings with ancillary parking, garaging, access road and associated works	Approved – 10 February 2017. This development is to commence within two years of permission.	Approximately 2 km north of the DCO Site Boundary.	1	NO	Other development appears to now be complete and therefore this development is considered within the baseline assessed in the technical

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
			This development has been completed.				environmental assessments.
#NELC CULM-5	DM/1240/21/FUL	<u>Barratt York – New Waltham Phase 2 Residential Development</u> Erection of 227 dwellings, garaging, creation of new vehicular access on Louth Road, landscaping and associated works (Amended Plans and Description to include 3 additional units).	Approved - 24 August 2022. This development to commence within three years of permission. Construction of this development has commenced.	Approximately 1.2 km north of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NELC CULM-6	DM/0026/18/FUL	<u>North Beck Energy Ltd – North Beck Energy Centre</u> Erect an Energy Recovery Facility with an electricity export capacity of up to 49.5MW and associated infrastructure including a stack to 90m high, parking areas, hard and soft landscaping, access road, weighbridge facility and drainage infrastructure.	Approved – 12 October 2018. This development is to commence within five years of permission. Construction has not yet commenced.	Approximately 3km east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NELC CULM-7	DM/1145/19/FUL	<u>Engie - NEL Energy Park</u> Construction and operation of an energy park comprising photovoltaic (PV) solar panels	Approved – 6 November 2020. This development is to commence	Approximately 534m east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		together with energy (battery) storage and associated infrastructure	within three years of the permission. This development does not appear to have commenced.				therefore potential for cumulative effects to occur.
#NELC CULM-8	DM/0105/18/FUL	<u>Engie – SHIP Stallingborough Interchange</u> Hybrid application seeking outline consent with access, landscaping and scale to be considered for the development of a 62ha Business Park comprising up to 120,176 sq.m for B1 (Business), B2 (General Industrial) and B8 (Storage and Distribution), associated infrastructure and internal highways. Full application for the creation of a new roundabout, new access roads, associated highway works, substations, pumping stations, drainage and landscaping. (Amended FRA and Drainage Strategy July 2018).	Approved – 12 October 2018. The construction of the access road has commenced.	Approximately 1.9km east of the DCO Site Boundary	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NELC CULM-9	DM/0198/20/REM	<u>Cyden Homes – Proposed Residential Development at Land Off Larkspur Avenue</u>	Approved – 5 February 2021.	Approximately 2km east of the	1	YES	Potential for there to be overlap of the construction and

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		Reserved matters application following DM/0378/15/OUT (Outline planning application with means of access to be considered for the construction of up to 250 residential dwellings, a new primary access with Stallingborough Road and secondary/emergency access via Larkspur Avenue, public open space, and landscaping, surface water drainage attenuation and associated works) to erect 150 dwellings, play equipment, public open space and infrastructure with appearance, landscaping, layout and scale to be considered (Amended Plans January 2021)	Construction has commenced.	DCO Site Boundary			operational phase therefore potential for cumulative effects to occur.
#NELC CULM-10	DM/0996/15/FUL	Change of use of land to caravan site for four number caravans with associated access and boundary treatments	Approved – 19 January 2016.	Located approximately 620 m east of the DCO Site Boundary to the west of B1210 Stallingborough Road, south of Immingham.	1	NO	Not necessary to include further as not classed as a major development. Scale and type of development unlikely to result in significant cumulative effects

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
#NELC CULM-11	DM/1004/18/FUL	Change of Use of a Former Care Facility to Create 1no. Dwelling at Gatehouse Farm, Stallingborough Road, Immingham	Approved – 12 February 2019	Located approximately 550 m north east of Section 2 of the DCO Site Boundary Draft Order Limits to the west of B1210 Stallingborough Road, south of Immingham.	1	NO	Not classed as major development as less than 10 dwellings so not considered further. Scale and type of development unlikely to result in significant cumulative effects
#NELC CULM-12	DM/0899/21/FUL	<u>Grimsby Solar Farm – Aura Power</u> Install solar farm with associated works and infrastructure to include ground mounted solar panels, access tracks, inverters, transformers, storage units, substation compound, underground cables and conduits, temporary construction compound, perimeter fencing and planting scheme	Approved – 25 November 2022. Construction is not anticipated to start until 2024.	Approximately 190 m north east of Section 2 of the DCO Site Boundary, north of Aylesby.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NELC CULM-13	DM/1097/18/FUL	Change of use of land for the siting of 74 timber lodges at Laceby Manor Golf Course, Laceby Manor Resort Limited	Approved - 8 November 2019. This development is to commence	Approximately 400 m north east of the DCO Site	1	NO	It is assumed that this works would be complete before any on-site work

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			within three years of date of permission.	Boundary, south of Laceby.			commences as part of the Proposed Development.
#NELC CULM-14	DM/0076/20/FUL	Application for demolition of existing outbuilding and "Change of Use" of land to site 31No. Timber Holiday Lodges and 1No. Site Managers Lodge with adjacent Site Supply Shed / Shop, together with erection of a Residential Double Garage to the Existing House on Site.	Approved - 7 December 2020. This development is currently under construction and set to be complete in 2023 at the latest.	Approximately 255 m north east of the DCO Site Boundary, off Barton Street near Barnoldby le Beck.	1	NO	It is assumed that this works would be complete before any on-site work commences as part of the Proposed Development
#NELC CULM-15	DC/765/12/WOL	New buried pumped foul sewer line, Laceby Manor Resort.	Approved - 22 November 2012. This development to commence within three years of date of permission	Approximately 208 m north east of the DCO Site Boundary.	1	NO	Permission granted in 2012 so assume development is built or expired.
#NELC CULM-16	DM/1087/17/FUL	Application for additional land to install buried electrical cables under the railway at Roxton Sidings via Horizontal Directional Drill (HDD) to connect the Hornsea Project One Offshore Wind Farm to the grid.	Approved - 15 February 2018. Completed in 2019.	Intersects the DCO Site Boundary in Section 2.	1	NO	The Hornsea Project One became operational in 2019 therefore this development forms part of the current baseline assessed within the technical ES chapters.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
#NELC CULM-17	DM/1119/19/FUL	Application to extend existing site to enable Horizontal Directional Drilling (HDD) works and the subsequent installation of cable associated with the Hornsea Project Two Offshore Wind Farm	Approved - 11 March 2020. Completed in 2022.	Approximately 7 m to the east of the DCO Site Boundary.	1	NO	The Hornsea Project Two became operational in 2022 therefore this development forms part of the current baseline assessed within the technical ES chapters.
#NELC CULM-18	DM/0082/20/FUL	Application to demolish two existing semi-detached dwellings and erect two detached dwellings to include integral garage for Plot 2 (Amended Plans received 23rd July 2020 and Amended Description).	Approved - 16 September 2020. This development is to commence within three years of date of permission.	Approximately 3 m south west of the DCO Site Boundary	1	NO	Not classed as major development as less than 10 dwellings so not considered further. Scale and type of development unlikely to result in significant cumulative effects.
#NELC CULM-19	DM/0113/21/REM	Reserved matters application following DM/0167/17/OUT to erect 7 detached two story dwellings with garages and associated hard and soft landscaping with appearance, landscaping, layout and scale to be considered	Approved – 14 May 2021. This development has been completed.	Approximately 314m east of the DCO Site Boundary	1	NO	This development has been completed and therefore forms part of the current baseline assessed within the technical ES chapters.
#NELC CULM-20	DM/0728/18/OUT	<u>Brocklesby Estate – Residential Development on</u>	Approved – 12 November 2020. This development is to commence	Approximately 450m east of	1	YES	Potential for there to be overlap of the construction and operational phase

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		<u>Land East of Stallingborough Road, Immingham.</u> Outline planning application for the development of up to 525 residential dwellings together with an extra care facility for the elderly with up to 80 units with access to be considered.	within three years of date of permission. Construction has not yet commenced.	the DCO Site Boundary.			therefore potential for cumulative effects to occur.
#NELC CULM-21	DM/0416/14/FUL	Installation of biomass fuelled boiler house and flue	Approved – 12 June 2014. This development is to commence within three years of date of permission.	Approximately 260m east of the DCO Site Boundary.	1	NO	Permission granted in 2014 so assume development is built or expired.
#NELC CULM-22	DM/0126/19/SCR	Screening request for the siting of 74 timber lodges	Environmental Impact Assessment not required.	Approximately 400m east of the DCO Site Boundary.	3	NO	EIA not required; insufficient environmental information available within planning portal to determine potential significant cumulative effects.
#NELC CULM-23	DM/0908/21/FUL	Erect 7 dwellings with associated works Land Adjacent to Grange Farm House Waltham Road Barnoldby Le Beck North East Lincolnshire DN37 0AR	Refused – 7 December 2021. Appeal dismissed.	Approximately 1km east of the DCO Site Boundary	3	NO	Not classed as major development as less than 10 dwellings so not considered further. Scale and type of development unlikely to result in

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							significant cumulative effects.
#NELC CULM-24	DM/0118/15/OUT	<u>Monmouth Properties - Residential Development on Land at Toll Bar New Waltham.</u> Outline application with access to be considered for residential development (of up to 400 dwellings) including the provision of a small corner shop, open space and associated infrastructure.	Granted at Appeal – 22 November 2017. Development cannot commence without the discharge of conditions which do not appear to have been submitted for approval.	Approximately 3km of the DCO Site Boundary	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NELC CULM-25	DM/0622/16/FUL	The application is for a temporary site construction compound to support the onshore cable installation for Hornsea Project One Offshore Wind Farm.	Approved - 22 August 2016. The Hornsea Project One became operational in 2019.	Approximately 2.5km east of the DCO Site Boundary.	1	NO	The Hornsea Project One became operational in 2019 therefore this development forms part of the current baseline assessed within the technical ES chapters.
#NELC CULM-26	DM/0186/18/FUL	Change of use for additional storage area as an extension of temporary on-site construction compound to support the onshore cable installation for Hornsea Project One.	Approved - 1 May 2018. The Hornsea Project One became operational in 2019.	Approximately 2.5km east of the DCO Site Boundary.	1	NO	The Hornsea Project One became operational in 2019 therefore this development forms part of the current baseline assessed

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							within the technical ES chapters.
#NELC CULM-27	DM/1049/22/FUL	Erect industrial unit and associated works	Validated - 30 November 2022 - Pending Consideration.	Approximately 603m east of the DCO Site Boundary.	1	NO	Scale and type of development unlikely to result in significant cumulative effects.
#NELC CULM-28	DM/0769/22/FUL	<u>CHI Investments – The Willows</u> Construction of new foul sewer and associated works	Validated - 1 December 2022 - Pending Consideration.	Approximately 209m east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NELC CULM-29	DM/0595/22/FUL	Extension to existing stables to create 11no. new stables, tack room, veterinary room and associated works	Approved - 9 September 2022. This development is to commence within three years of the date of permission.	Approximately 18m south of the DCO Site Boundary	1	NO	Scale and type of development unlikely to result in significant cumulative effects.
#NELC CULM-30	DM/1005/22/FUL	Erect 5 detached bungalows and 4 semi-detached dormer bungalows with garages to include access, landscaping and attenuation pond and various associated works	Approved - 3 February 2023. This development is to commence within 18 months of the date of permission.	Approximately 554m east of the DCO Site Boundary.	1	NO	Not classed as major development as less than 10 dwellings so not considered further. Scale and type of development unlikely to result in significant cumulative effects.

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#NELC CULM-31	DM/1133/17/OUT	<u>Humberside Land Developers Ltd - Residential Development in Laceby</u> Outline application for 152 dwellings with means of access to be considered, including an emergency vehicular access onto Charles Avenue. (Amended Transport Assessment and Travel Plan 13th April 2018)	Approved – 5 August 2019. This development is to commence within three years of the date of permission.	Approximately 580m east of the DCO Site Boundary (m)	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NELC CULM-32	DM/0056/20/FUL	Erect 82 dwellings to include garages, access roads and landscaping (amended site layout plans including zebra crossing, boundary treatments and plot repositions - Sept 2020)	Refused – 6 November 2020	Approximately 1.6km east of the DCO Site Boundary	1	NO	This application has been refused, so will not be considered further.
#NELC CULM-33	DM/1167/16/FUL / AP/001/19	<u>Cyden Homes – Residential Development Land off Brigsley Road, Waltham</u> Hybrid application to include Full Planning for 194 dwellings (houses and bungalows) and an Outline application to erect 5 detached dwellings with associated works including foul pumping station, landscaping, public open space, parking areas and	Appeal Allowed with Conditions – 6 November 2020. Conditions have not yet been discharged.	Approximately 1.3km east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		garaging (Amended plans for layout, road details, landscaping and Transport Assessment - 24th November 2017)					
#NELC CULM-34	DM/0335/19/FUL	Variation application of condition 15 (Approved Plans) as granted on DM/1130/14/FUL (Hybrid application for the erection of 53 dwellings (C3), landscaping, access and associated on-site infrastructure (Full). Also, the erection of 42 dwellings (C3) with associated landscaping and access (Outline) all to include amended plan showing proposed new roundabout on Cheapside received by the Local Planning Authority on 7th January 2015) to omit roundabout, add traffic calming gates and adjust main access, re-site various plots and revised landscaping, drainage and infrastructure	Approved with conditions – 17 July 2019. Construction has commenced and likely to be finalised shortly.	Approximately 1.8km east of the DCO Site Boundary.	1	NO	The other development's construction has commenced and is expected to be built before the Proposed Developments construction phase starts. Therefore, this development forms part of the current baseline assessed within the technical ES chapters.
#NELC CULM-35	DC/268/13/HUM	Hybrid application for the erection of 339 dwellings(C3), a primary school(D1), a	Appeal allowed with conditions - 12 August 2013.	Approximately 4.2km east of	1	NO	This development is located beyond 4 km from the Proposed

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		community building(D1), allotments, play areas, landscaping, new access & associated on-site infrastructure (Outline). Also, the erection of 46 dwellings (C3) with associated landscaping & access (Full)	Construction commenced.	the DCO Site Boundary.			Development and is therefore scoped out as there are unlikely to be any significant cumulative effects. In addition, the other development is likely to be completed before any construction work on the proposed development occurs
#NELC CULM-36	DM/0260/20/FUL / AP/016/20	Resubmission of DM/0971/17/FUL for the erection of 68 houses and 18 apartments with new access and associated landscaping and works	Appeal allowed – planning permission was approved with conditions- 30 October 2020.	Approximately 6.4km east of the DCO Site Boundary.	1	NO	This development is located beyond 4 km from the Proposed Development and is therefore scoped out as there are unlikely to be any significant cumulative effects.
#NELC CULM-37	DM/0719/22/FUL	Erect 9 dwellings with associated highways, landscaping and boundary treatments (amended description and plans January 2023)	Refused - 31 Mar 2023. Appeal unknown.	Approximately 3.2km east of the DCO Site Boundary.	1	NO	Not classed as major development as less than 10 dwellings so not considered further. Scale and type of development unlikely to result in significant cumulative effects.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
#NELC CULM-38	DM/0118/23/FUL	<u>Land Developers (Lincs) Ltd – Residential Development at Land off Field Head Road, Laceby</u> Erection of 60 dwellings including access from Fieldhead Road with emergency vehicular access onto Caistor Road and associated works	Pending – validated 20 February 2023.	Approximately 566m east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NELC CULM-39	DM/0261/23/OUT	<u>Residential Development at Land off Waltham Road, Barnoldby</u> Outline erection of 42 dwellings and associated infrastructure (all matters reserved)	Pending – validated 28 March 2023.	Approximately 1.4km east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NELC CULM-40	DM/0508/23/OUT	Land Off Habrough Road Immingham North East Lincolnshire - Outline erection of 7 dwellings with associated access and landscaping (All matters reserved).	Pending – validated 30 May 2023	Intersects Section 1 of the DCO Site Boundary	1	NO	Not classed as major development as less than 10 dwellings so not considered further. Scale and type of development unlikely to result in significant cumulative effects.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
North Lincolnshire Council							
#NLC CULM-1	PA/2022/1400	Application to demolish existing office building and replace with office building and new secure vehicle compound.	Approved – 8 November 2022. This development is to commence within three years of the date of permission.	Intersects Section 1 of the DCO Site Boundary.	1	NO	Scale and type of development unlikely to result in significant cumulative effects.
#NLC CULM-2	PA/2022/1223	<u>Associated British Ports (ABP) – Land Adjacent to the Westgate Entrance, Port of Immingham</u> A hybrid application comprising full planning permission for the development of land adjacent to the West Gate Entrance of the Port of Immingham for port related employment uses.	Pending – validated 18 August 2022	Approximately 160 m north of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NLC CULM-3	PA/2022/1548	<u>VPI Immingham - VPI Immingham Pilot Carbon Capture Plant</u> Planning permission to construct and operate a temporary pilot post-combustion carbon capture plant and associated infrastructure	Approved with Conditions – 26 October 2022. This development is to commence within three years of the date of permission.	Approximately 40 m north west of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
#NLC CULM-4	PA/2022/628	<u>MF Strawson Limited – Residential Development at Mai Road, Sturton</u> Hybrid application comprising full planning permission to erect 32 dwellings and outline planning permission for 85 dwellings with appearance, landscaping, layout and scale reserved for subsequent consideration	Approved – 23 March 2023. Construction has not yet commenced.	Approximately 1.9 km west of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NLC CULM-5	PA/2022/443	<u>Lightrock Power Ltd – Sweetbriar Farm</u> Planning permission for the installation of a solar photovoltaic array/solar farm & associated infrastructure. This development is approximately 70 hectares (ha) in size.	Pending - validated 18 February 2022.	Approximately 2.5 km north west of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
# NLC CULM-6	PA/2019/893	Planning permission to retain change of use of land from agricultural to storage and distribution (Use Class B8) with associated hard-standing	Pending - validated 4 June 2019	Approximately 1.9 km north of the DCO Site Boundary.	1	NO	Scale and type of development unlikely to result in significant cumulative effects.
#NLC CULM-8	PA/2021/2090	Planning permission to create a new access	Approved - 17 February 2022.	Approximately 2.4km north of the DCO Site Boundary.	1	NO	Scale of development unlikely to result in significant cumulative effects.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
#NLC CULM-9	PA/SCO/2022/13	<u>Orsted Gigastack Limited and Phillips 66 Limited – Gigastack Project</u> EIA Scoping request for a 100MV hydrogen electrolyser together with an underground electrical cable connection to the Hornsea Two onshore substation, water discharge and a hydrogen export pipeline to the Humber Refinery	Awaiting Scoping Opinion	Intersects Section 1 of the DCO Site Boundary.	2	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NLC CULM-10	PA/2022/2130	Planning permission for lean to extension of existing administration building	Approved – 31 January 2023	Approximately 179m north of the DCO Site Boundary.	1	NO	Scale of development unlikely to result in significant cumulative effects.
#NLC CULM-11	PA/2022/2222	Planning permission to construct an air products nitrogen skid to enable deliveries outside of normal working hours	Pending - Validated 26 January 2023	Approximately 980m north west of the DCO Site Boundary.	1	NO	Scale of development unlikely to result in significant cumulative effects.
#NLC CULM-12	PA/2023/422	<u>Humber Zero Project – Phillips-66 Carbon Capture Plant</u> Planning permission for the construction and operation of a post-combustion carbon capture plant, including carbon dioxide compression and	Pending - Validated 16 March 2023. This is the Humber Zero project (refer to PA/SCO/2022/2). If this development is approved,	Intersects Section 1 of the DCO Site Boundary.	1	YES	This is the same project as the entry below (PA/2023/421) which comprises are two carbon capture plants.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		metering, cooling equipment, stacks, substations, new and modified services, connections, internal roads, new access onto Eastfield Road, and maintenance and laydown areas (EIA development)	construction is expected to commence in 2024 and completed in 2028.				Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NLC CULM-13	PA/2023/421	<u>Humber Zero Project – VPI Immingham Carbon Capture Plant</u> Planning permission for the construction & operation of a post-combustion carbon capture plant, including carbon dioxide compressor & metering, cooling equipment, stacks, substations, internal roads, partial ditch realignment, new & modified services, connections, internal roads, accesses, maintenance & laydown areas	Pending - Validated 8 March 2023. This is the Humber Zero Project. If this development is approved, construction is expected to commence in 2024 and completed in 2028.				
#NLC CULM-14	PA/SCO/2023/1 /	<u>Associated British Ports – Immingham Onshore Wind</u> EIA Scoping request for Immingham onshore wind including up to three wind	Opinion given – 20 June 2023. If consented the construction period is expected to last for 12 to 18	Approximately 349m east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		turbines (Immingham Dock Western Entrance, Humber Road, South Killingholme).	months, however the construction start date is currently unknown.				cumulative effects to occur.
#NLC CULM-15	PA/SCO/2023/2	<u>Associated British Ports – Immingham Onshore Wind</u> EIA Scoping request for Immingham onshore wind including up to three wind turbines. (Land Along Tracks, West Haven Way, South Killingholme)	Validated 3 April 2023. If consented the construction period is expected to last for 12 to 18 months, however the construction start date is currently unknown.	Approximately 85m east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NLC CULM-16	PA/2023/612	<u>VEV Services Limited - Vitol (VPI Immingham)</u> Planning permission for the installation of a 71.28 kwp solar carport and infrastructure for renewable energy generation	Pending - Validated 27 March 2023	Approximately 248m north of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#NLC CULM-17	PA/2018/918	Planning permission to construct a new gas-fired power station with a gross electrical output of up to 49.9 megawatts	Approved – 07 September 2018	Approximately 153m north of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
#NLC CULM-18	PA/SCO/2022/12	<p><u>Uniper - Humber Hub Blue Project</u> EIA scoping request for the Humber Hub Blue Project; a blue hydrogen production facility (HPF) on the south bank of the Humber to supply low-carbon hydrogen via a pipeline to industrial and power customers. Although the majority of the hydrogen produced is likely to be used for combustion following fuel switching by industrial processes within 3 km of the production site, there is also the potential for hydrogen blending into power generation facilities or the existing natural gas network and for supplying hydrogen to other regional hydrogen projects, including mobility.</p>	<p>Pending – validated 22 November 2022. If approved, this development would commence in 2025 and open in 2028.</p>	<p>Approximately 2.1km north of the DCO Site Boundary.</p>	2	YES	<p>Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.</p>
#NLC CULM-19	PA/2023/224	<p>Application to determine if prior approval is required for the installation of 174 solar modules, 1 36KW inverter and a 1 20KW inverter to create 66.99KWp on the roof of a non-domestic building</p>	<p>Prior Approval determined to not be required – 19 April 2023</p>	<p>Approximately 978m west of the DCO Site Boundary.</p>	1	NO	<p>Scale of development unlikely to result in significant cumulative effects.</p>

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
#NLC CULM-20	PA/2023/502	<p><u>Able UK Limited – Site Enabling Works, Land East of Rosper Road, Killingholme.</u> <u>Full planning application for enabling works on land east of Rosper Road, Killingholme,</u></p> <p>The proposed development comprises:</p> <ul style="list-style-type: none"> • regrading of land with general fill and raising site levels with imported fill, • installation of ground drainage as required, • installation of boundary fencing, • widening of Marsh Lane (vertical alignment to be retained) and construction of new footpath - hedge to be replaced north of road widening, • upgrades at junction of Marsh Lane with Rosper Road, including extending a drainage culvert, • diversion of a section of Station Road and construction of new road, 	Pending - validated 23 March 2023	Approximately 1km north east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		<ul style="list-style-type: none"> • new ditch culvert under Marsh Lane, • five new entrances to proposed sites to be created, • demolition of buildings, • construction of new 33kV substation, • new drainage ditch/diversion and new ditch crossings, • bridge crossings of existing over ground pipelines, • diversion to existing Exolum underground pipeline, and • construction of new rail sidings. 					
#NLC CULM-21	PA/2023/323	Planning permission for change of use of land to erect a workshop, office accommodation, palisade fencing and proposed lorry park	Pending - Validated 21 April 2023	Approximately 1.5km north west of the DCO Site Boundary.	1	NO	Scale of development unlikely to result in significant cumulative effects.
#NLC CULM-22	PA/2019/1545	Planning permission to retain 8 Biomass Boilers, 8 Boiler Flues, 5 Storage Silos and associated equipment	Approved – 18 December 2019	Approximately 2.6km north west of the DCO Site Boundary.	1	NO	This development is to retain existing infrastructure therefore no new cumulative effects beyond the effects

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							presented within the Proposed Developments technical environmental assessments are anticipated.
#NLC CULM-23	PA/2019/1680	Planning permission for the installation of field drainage to support the construction of the Hornsea Project One onshore export cable route	Approved – 13 January 2020	Approximately 2.1km west of the DCO Site Boundary	1	NO	The Hornsea Project One became operational in 2019 therefore this development forms part of the current baseline assessed within the technical ES chapters.
#NLC CULM-24	PA/2019/2087	Planning permission to extend existing site to allow the installation of additional cables	Approved – 06 March 2020	Approximately 1.2km north west of the DCO Site Boundary.	1	NO	Scale of development unlikely to result in significant cumulative effects.
#NLC CULM-25	PA/2021/167	Planning permission to install pre-construction field drainage to support Hornsea Project Two	Approved – 02 July 2021.	Approximately 2.2km north west of the DCO Site Boundary.	1	NO	The Hornsea Project Two became operational in 2022 therefore this development forms part of the current baseline assessed within the technical ES chapters.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
#NLC CULM-26	PA/2021/684	Planning permission for an extension to the existing site to enable installation of cable associated with the Hornsea Project 2 offshore wind farm	Approved – 31 August 2021	Approximately 1km north west of the DCO Site Boundary.	1	NO	The Hornsea Project Two became operational in 2022 therefore this development forms part of the current baseline assessed within the technical ES chapters.
#NLC CULM-27	PA/2020/1908	Planning permission for the construction and operation of a compound consisting of 7 x gas generators, security fencing with ancillary structures & associated works. This development is approximately 700m ² (0.07ha) in size.	Approved – 18 March 2021	Approximately 2.4km north of the DCO Site Boundary.	1	NO	Scale of development unlikely to result in significant cumulative effects.
#NLC CULM-28	PA/2021/1525	<u>Able UK Limited - Monopole Manufacturing Facility at Land at Able Marine Energy Park, south of Station Road, South Humber Bank, South Killingholme</u> Planning permission to erect a monopole manufacturing facility to provide an offshore wind turbine monopile foundation manufacturing facility ('the monopile factory').	Approved – 08 August 2022	Approximately 541m north of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		The proposed development is a complex of large industrial steel-clad buildings used to manufacture monopiles for the offshore renewable energy sector. This development is approximately 25 ha in size.					
#NLC CULM-29	PA/2022/1861	Planning permission to erect portal-framed commercial units for general light industrial, storage and distribution	Pending - validated 13 October 2022	Approximately 110m west of the DCO Site Boundary.	1	NO	Scale of development unlikely to result in significant cumulative effects.
East Lindsey District Council							
#ELDC CULM-1	N/085/00883/15	A hybrid application consisting of outline erection of up to 300 dwellings with means of access to be considered and full planning permission for change of use of land from agricultural land to a recreation ground.	Approved – 22 November 2017. This development to commence within two years from the date of approval of the last of the reserved matters to be approved. The construction of this development has not yet commenced.	Approximately 3.8km north east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
#ELDC CULM-2	N/133/01413/21	<u>Cyden Homes – Residential development at Ludborough Road</u> Application for the erection of 198no. dwellings with associated garages and construction of a vehicular and pedestrian access	Pending decision – validated 1 July 2021.	Approximately 740m north east of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#ELDC CULM-3	N/063/01534/15	Request for an EIA Scoping Opinion with respect to the erection of 2 no. wind turbines.	EIA Development. This development has been constructed.	Approximately 110m north east of the DCO Site Boundary.	1	NO	Construction of this development is completed therefore this development forms part of the current baseline assessed within the technical ES chapters.
#ELDC CULM-4	N/128/00956/22	Erection of a house, and an outbuilding that comprises of a carport and greenhouse, erection of a stable building and construction of 2no. wildlife ponds.	Approved – 4 August 2022.	Approximately 250m south of the DCO Site Boundary.	1	NO	Not classed as major development as less than 10 dwellings so not considered further. Scale and type of development unlikely to result in significant cumulative effects.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
#ELDC CULM-5	N/180/00600/14	Erection of an agricultural building to use as a tractor and hay/straw store.	Approved – 16 May 2014. This development appears to now be completed.	Approximately 80m north east of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#ELDC CULM-6	N/133/00274/22	Demolition of dilapidated single storey buildings, construction of new extension to accommodate processing machinery	Approved – 4 March 2022. This development is to commence within three years of date of permission.	Approximately 270m south west of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#ELDC CULM-7	N/133/01749/19	Erection of a detached building to be used in connection with the existing commercial fishing lake and construction of a vehicular access track.	Approved – 31 October 2019. This development appears to now be completed.	Approximately 245m north east of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#ELDC CULM-8	N/133/00696/15	Outline erection of 7no. dwellings on the site of an existing garden centre which is to be demolished (means of access to be considered)	Approved - 12 August 2015. The application for approval of all reserved matters were to be made no later than three years of the permission (12 August 2015) and the development to commence within two years of date	Approximately 700m north of the DCO Site Boundary.	1	NO	Not classed as major development as less than 10 dwellings so not considered further. Scale and type of development unlikely to result in significant cumulative effects.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
			from the final approval of all reserved matters. This development has not commenced in this timeframe.				
#ELDC CULM-9	N/019/00598/22	Change of use, conversion of, extensions and alterations to existing outbuilding to provide a dwelling with crew yard and associated parking	Approved - 04 July 2022. Development to commence within four years of date of permission.	Approximately 55m south west of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#ELDC CULM-10	N/128/01991/21	Conversion of, extensions and alterations to 2no. existing outbuildings to provide additional living accommodation and a double garage.	Approved - 21 December 2021. This development is to have commenced within three years of date of permission.	Approximately 13 m south of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#ELDC CULM-11	N/061/01641/22	Planning Permission - Change of use of land to site 10no. timber lodges, excavation of land to form a pond with embankments to maximum height 1.2 m, erection of a laundry room, provision of parking and construction of a vehicular access with brick walls, piers and sliding gate	Approved - 30 January 2023.	Approximately 3.2km north east of the DCO Site Boundary.	1	NO	Not classed as major development as not more than 10 dwellings so not considered further. Scale and type of development unlikely to result in significant cumulative effects.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
#ELDC CULM-12	N/178/00575/18	Environmental Impact Assessment (E.E.C. Directive 85/337/E.E.C. as amended by Council Directive 97/11E.C.) for a screening opinion with respect to the erection of a commercial glasshouse and packing facility. The scheme would allow the opportunity to grow high value crops and develop a profitable business, enabling local employment opportunities and food production for the future, contributing to the UK's food security. Approximately 135 full-time staff will be employed at the site once operational, predominantly vegetable/fruit pickers and packers. This development is approximately 19 ha.	Screening decision - 10 April 2018 EIA not required	Approximately 2.49km east of the DCO Site Boundary.	1	NO	It is not expected that there would be any temporal overlap as this is likely to be constructed well ahead of the commencement of onsite works for the Proposed Development.
#ELDC CULM-13	N/180/00971/20	Planning Application - Installation and operation of an underground gas pipeline up to 750m metres in length, connecting the existing Saltfleetby/Theddlethorpe underground gas pipeline to the national grid national transmission system,	Approved - 2 June 2020. This development has been completed.	Intersects Section 5 of the DCO Site Boundary.	1	NO	Construction of this development is completed therefore this development forms part of the current baseline assessed within the

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		Theddlethorpe via the uniper gas distribution terminal, together with temporary laydown areas, parking, security and welfare facilities.					technical ES chapters.
#ELDC CULM-14	N/159/01564/19	Environmental Impact Assessment (E.E.C. Directive 85/337/E.E.C. as amended by Council Directive 97/11E.C.) for a screening opinion with respect to installation of a new water main.	Screening decision - 19 September 2019. EIA not required.	Approximately 2.1km west of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#ELDC CULM-15	N/105/01055/22	<u>Charterpoint (Louth) Limited – Daisy Way, Louth</u> Outline erection of up to 90no. dwellings with garages with means of access to be considered. This development is approximately 6 ha in size.	Pending – appeal date unknown. EIA Screening Determination (N/105/01075/22) - 17 Jun 2022, Non-EIA development.	Approximately 3.2km south west of the DCO Site Boundary	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#ELDC CULM-16	N/105/00819/19	Detailed Particulars relating to the erection of 34no. detached houses, 59no. pairs of semi-detached houses, 8no. detached bungalows (160no. dwellings in total) erection of associated garages, construction of a foul water pumping station and construction of a vehicular access (outline planning	Approved – 10 January 2020. This relates to planning application 105/01146/18/AI of which construction is complete.	Approximately 3.2km south west of the DCO Site Boundary	1	NO	Construction of this development is completed therefore this development forms part of the current baseline assessed within the technical ES chapters.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		permission N/105/01050/14 - erection of up to 240no. dwellings granted on 25 July 2017).					
#ELDC CULM-17	N/105/00643/18	Detailed Particulars relating to phase one for the erection of 36no. houses and 22no. pairs of semi-detached houses and associated garages. Construction of estate roads and alterations to existing vehicular access and site landscaping (outline planning permission ref no. N/105/01050/14 for the erection of 240 dwellings and extra care accommodation for the elderly, granted 25th July 2016)	Approved – 07 September 2018. This development is currently under construction.	Approximately 3.2km south west of the DCO Site Boundary.	1	NO	Outline planning permission (N/105/01050/14) granted in 2016 and the development is currently under construction, anticipated to be completed before any onsite work for the Proposed Development commences.
#ELDC CULM-18	N/019/01451/20	<u>Brackenborough Ltd – Brackenborough Hotel</u> Change of use of land for the siting of 114 no. holiday lodges and excavation of land to form 3 no. wildlife ponds.	Approved – 19 February 2021. Development to commence within four years from the date of permission.	Approximately 2.1km south west of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#ELDC CULM-19	N/092/01017/20	<u>Lovell – Residential Development Chestnut Drive</u> Outline erection of up to 141no. dwellings (with means	Approved – 15 June 2021. Development to commence within	Approximately 1.7km south of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		of access, landscaping and layout to be considered). This development is approximately 6ha in size.	four years from the date of permission.				therefore potential for cumulative effects to occur.
#ELDC CULM-20	N/092/00073/18	Reserved matters approval for the erection of 100no. dwellings and associated garages pursuant to outline planning permission N/092/1853/16 granted on 10 July 2017.	Approved - 10 July 2017. Development to commence within four years from the date of permission. It appears this development has commenced.	Approximately 1.6km south west of the DCO Site Boundary.	1	NO	Permission granted in 2017 so assume other development is built or expired.
#ELDC CULM-21	N/180/01812/14	Environmental Impact Assessment (E.E.C. Directive 85/337/E.E.C. as amended by Council Directive 97/11E.C.) for a screening opinion with respect to the erection of a solar farm.	Screening determination EIA not required – 26 September 2014.	Approximately 438m south of the DCO Site Boundary.	3	NO	Scale of development unlikely to result in significant cumulative effect.
#ELDC CULM-22	N/085/01215/21	<u>Homes by Gleeson – Residential Development Louth Road, Holton Le Clay</u> Application for approval of reserved matters (appearance, landscaping, layout and scale) for 233no. dwellings on part phase A and phases B and C pursuant to Outline planning permission ref. no.	Approved – 30 June 2022. Development not yet built.	Approximately 3.3km north of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		N/085/01207/20. This development is approximately 12 hectares in size.					
#ELDC CULM-23	N/178/00721/20	Environmental Impact Assessment (E.E.C. Directive 85/337/E.E.C. as amended by Council Directive 97/11E.C.) for a screening opinion with respect to extension to the existing oil terminal and construction of 2no. additional oil storage tanks	Screening determination EIA not required – 04 June 2020.	Approximately 6117 metres east of the DCO Site Boundary.	3	NO	Scale of development unlikely to result in significant cumulative effect. No scoping report available.
#ELDC CULM-24	N/178/00568/20	Erection of 4no. industrial units and cafe on the site of existing buildings which are to be demolished.	Approved – 30 June 2020.	Approximately 5325 metres to the east of the DCO Site Boundary.	1	NO	Scale of development unlikely to result in significant cumulative effect and beyond 4km.
#ELDC CULM-25	N/145/00332/21	Change of use of land for the siting of touring caravans and erection of a toilet/shower block	Approved – 23 April 2021	Approximately 3099 metres north east of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#ELDC CULM-26	N/110/02160/22	Siting of 19no. static caravans with associated vehicular parking, pedestrian footpaths, internal access roads, landscaping and infrastructure above and below ground	Approved – 28 February 2023.	Approximately 466 metres south of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.

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#ELDC CULM-27	N/110/02159/22	Siting of 13 no. static caravans with associated vehicular parking, pedestrian footpaths, internal access roads, landscaping and infrastructure above and below ground.	Approved – 28 February 2023.	Approximately 726 metres south of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#ELDC CULM-28	N/110/02068/22	Extensions and alterations including solar panels to the existing facility to provide activity hall/dining space and extension and alterations including solar panels to the existing toilet block	Approved – 23 December 2022.	Approximately 3061 metres south of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#ELDC CULM-29	N/105/01879/22	Outline erection of 6no. dwellings on the site of the existing buildings which are to be demolished	Application Validated – 04 November 2022. Decision pending.	Approximately 3.7km south east of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#ELDC CULM-30	N/192/02472/22	<u>North Grange Farm – Proposed Barn Conversion</u> Determination of whether or not prior approval is required as to a) transport and highways impacts of the development, b) the noise impacts of the development, c) Contamination risks on the site,	Prior Approval determination not required - 14/02/2023	Approximately 944 metres west of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		<p>d) flooding risks on the site, e) whether the location or siting of the buildings makes it otherwise impractical or undesirable for the buildings to change from agricultural use to provide 4no. dwellings, a use falling within Class C3 (dwellinghouses) of the Schedule to the Use Classes Order, f) the design or external appearance of the building and g) the provision of adequate natural light in all habitable rooms of the dwellinghouses. This development is approximately 620m² in size.</p>					
#ELDC CULM-31	N/105/01961/19	<p><u>Gleeson - Proposed Residential Brackenborough Road, Louth</u> Erection of 237no. dwellings, associated garages, provision of 3no. attenuation ponds, areas of open space and children's play areas, erection of a pumping station and a substation, construction of vehicular and pedestrian</p>	<p>Approved - 26 March 2021 Development was under construction as of Oct 2021. The construction of this development appear to be ongoing.</p>	<p>Approximately 2km south west of the DCO Site Boundary.</p>	1	YES	<p>Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.</p>

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		accesses and internal access roads.					
#ELDC CULM-32	N/105/00593/19	<u>Cyden Homes – Proposed Residential Development at The Park, Eastfield Road, Louth.</u> Erection of 2no. detached bungalows, 4no. pairs of semi-detached houses, 28no. detached houses, 1no. block of 6no. terraced houses, 3no. blocks of 4no. terraced houses, 1no. block of 4no. bungalows (60no. houses in total) and associated garage blocks, provision of an attenuation pond and play area and construction of internal access roads.	Approved - 9 August 2019 Development was under construction as of 20 April 2022. The construction of this development appear to be ongoing.	Approximately 2.5km south west of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
Lincolnshire County Council							
#LCC CULM - 1	PL/0060/20	Installation and operation of an underground gas pipeline up to 750 metres in length, connecting the existing Saltfleetby / Theddlethorpe underground gas pipeline to the National Grid National Transmission System, Theddlethorpe via the Uniper gas distribution terminal,	Approved - 7 August 2020.	Intersects Section 5 of the DCO Site Boundary.	1	NO	Construction of this development is completed therefore this development forms part of the current baseline assessed within the technical ES chapters.

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		together with temporary laydown areas, parking, security and welfare facilities. This is the same Project as listed in ELDC CULM#13 listed above.					
#LCC CULM - 2	PL/0180/19	Application for Prior Notification of proposed demolition of Theddlethorpe Gas Terminal, Theddlethorpe, Lincolnshire, LN12 1NQ	Approved - 10 January 2020.	Intersects Section 5 of the DCO Site Boundary.	1	NO	Demolition of the Theddlethorpe Gas Terminal has been completed, therefore there is no potential for cumulative effects. This development forms part of the current baseline assessed within the technical ES chapters.
#LCC CULM - 3	PL/0073/21	For a sidetrack drilling operation from an existing borehole at Saltfleetby B wellsite to enable a lateral borehole to be drilled up to 1500m to the south west. Address, Eastings 542525 Northings 391375	Approved – 26 July 2021	Approximately 2.7km east of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#LCC CULM - 4	PL/0052/20	For Prior Approval for development ancillary to mining operations (gas) comprising the installation of	Approved – 5 May 2020	Approximately 2.7km east of the DCO Site Boundary.	1	NO	The development of the Saltfleetby 'B' site is completed, therefore there is no

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		processing facilities, including metering refrigeration unit manifold, Glycol dehydration unit, acoustically-housed compression and generation equipment, pipework and manifold at the Saltfleetby 'B' site.					potential for cumulative effects. This development forms part of the current baseline assessed within the technical ES chapters.
#LCC CULM - 5	PL/0012/22	For the demolition of dilapidated single storey buildings, construction of new extension to accommodate processing machinery.	Approved – 16 May 2022	Approximately 269 m south of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#LCC CULM - 6	PL/0036/22	Application for Prior Approval of development ancillary to mining operations, comprising the installation of new plant and equipment to support gas production operations.	Approved - 16 March 2022	Approximately 2.7km north of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#LCC CULM - 7	PL/0037/23	<u>Manby BGE Ltd - Anaerobic Digester and Fertiliser Production Plant</u> For an anaerobic digester and fertiliser production plant at Land at Manby Airfield, off Manby Middlegate, Manby.	Validated – 19 May 2023. No decision yet.	Approximately 2.7km south of the DCO Site Boundary.	1	YES	Potential for there to be overlap of the construction and operational phase therefore potential for cumulative effects to occur.
#LCC CULM - 8	E.2328.13 / PL/0249/13	Demolition of the following buildings together with the construction of a new fire	Approved 04 April 2013. Development	Approximately 2km south west	1	NO	Scale and size of development unlikely

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		station, training tower and associated hard standing areas. buildings to be demolished: 1. existing fire station; 2. existing steel training tower; 3. existing trading	appears to be complete.	of the DCO Site Boundary.			to result in significant cumulative effects.
#LCC CULM - 9	PL/0091/20	For the expansion of existing send school, consisting of two storey new school building, internal re-modelling of existing school and extension/re-modelling of existing residential building. This development is approximately 1.2 ha in size.	Approved – 20 November 2020. This development is now complete.	Approximately 2.7km south of the DCO Site Boundary.	1	NO	This development has been completed, therefore there is no potential for cumulative effects. This development forms part of the current baseline assessed within the technical ES chapters.
#LCC CULM - 10	E.0654.13 / PL/0053/13	<u>Angus Energy - Proposed Gas Storage Facility and Amendments to Well Site B, Saltfleetby, Louth</u> To construct an above ground gas handling treatment installation.	Approved - 4 December 2014. This development appears to be completed.	Approximately 3km east of the DCO Site Boundary.	1	NO	This development has been completed, therefore there is no potential for cumulative effects. This development forms part of the current baseline assessed within the technical ES chapters.

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#LCC CULM - 11	E.0800.13 / PL/0076/13	<u>Saltfleetby Gas Storage Project</u> Application seeking hazardous substances consent for the storage of natural gas.	Approved – 18 March 2014. Consent required for storage of the hazardous substance, rather than the development itself – see PL/0053/13.	Approximately 3km east of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#LCC CULM - 12	E.0526.14	The Environment Act 1995 - review of mining site the first period review of the mining site at Saltfleetby a wellsite. Mineral permission relating to the site, and which is subject to review is (e)n158/0097/99	Approved - 18 March 2014. Review of mining site application only – see PL/0053/13.	Approximately 3km east of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#LCC CULM- 13	E.0711.15 / PL/0003/16	For erection of building following the fire damage	Approved – 3 March 2016.	Approximately 2.3km south west of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#LCC CULM- 14	E.1377.15 / PL/0106/15	<u>Angus Energy - Saltfleetby Gas Field</u> Proposed sidetrack gas production borehole including drilling, testing and production phases	Approved – 24 September 2015	Approximately 3km east of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.

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#LCC CULM-15	E.2032.15 / PL/0106/15	<u>Angus Energy - Saltfleetby Gas Field</u> Application for hazardous substance consent	Approved – 24 February 2016. Consent required for storage of the hazardous substance, rather than the development itself – see PL/0053/13	Approximately 3km east of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#LCC CULM-16	E.0071.16 / PL/0045/15	To replace fire damaged building for machinery storage and cardboard processing, accompanying application pl/0045/15	Approved - 24 February 2016	Approximately 2.3km south west of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#LCC CULM-17	E.1754.16 / PL/0100/16	<u>ConocoPhillips (UK) Limited</u> Retrospective application for a new propane refrigeration system	Approved – 14 October 2016	Interests Section 5 of the DCO Site Boundary	1	NO	Demolition of the Theddlethorpe Gas Terminal has been completed, therefore there is no potential for cumulative effects. This development forms part of the current baseline assessed within the technical ES chapters.
#LCC CULM-18	E.2097.17 - PL/0120/17	<u>East Coast Aggregates - Proposed Waste Transfer and Aggregate Storage Facility</u>	Approved – 21 December 2017. This development	Approximately 1.8km south of	1	NO	Scale and size of development unlikely

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		Waste transfer station and aggregate storage facility. This development is approximately 1ha in size.	appears to have commenced.	the DCO Site Boundary			to result in significant cumulative effects.
#LCC CULM-19	E.1978.18 / PL/0108/18	<u>Anglian Water Services Ltd - motor control centre (MCC) kiosk, ammonia kiosk and landscape bund at Louth Water Recycling Centre</u> For the construction of a motor control centre (mcc) kiosk, ammonia kiosk and landscape bund. This development is approximately 0.4 ha in size.	Approved – 8 March 2018.	Intersects Section 4 of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
#LCC CULM-20	PL/0077/21	<u>Glebe Farm - Recycling Solution Ltd -Drying Kiln</u> To install and operate oil-fired drying kiln and associated oil storage vessel with bunding. This development is approximately 117m ² in size.	Approved - 5 July 2021. It is unclear if this development has commenced construction.	Approximately 1.9km south west of the DCO Site Boundary.	1	NO	Scale and size of development unlikely to result in significant cumulative effects.
West Lindsey District Council							
No developments meeting the criteria outlined above have been identified within West Lindsey District Council.							
Wider Viking CCS Project							
#OFF CULM-1	N/A	<u>Wider Viking CCS Project</u> – offshore elements including refurbishment of the existing offshore Lincolnshire Offshore	Pre-application stage, Non-statutory Scoping Report currently	Immediately adjacent to the DCO Site	2	YES	In order to evaluate the potential for any cumulative impacts associated with the

ID Number	Reference Number	Development Name and Details	Development Status and Programme	Approx. Distance from the Project	Tier	Included in Short List	Explanation
		Gas Gathering system (LOGGS) Pipeline and a newly installed spur pipeline, to the offshore injection facilities for permanent storage.	being prepared (May 2023)	Boundary at Theddlethorpe.			onshore and offshore parts of the overall Viking CCS Project, we have prepared a bridging document (Application Document 6.12) which looks at this in more detail. This will be included separately to the wider cumulative assessment and based on information available at the time of writing in relation to the Offshore part of the Viking CCS Project.
Other Developments							
#OTH CULM-1		<u>Theddlethorpe Geological Disposal (GDF) Facility Community Partnership</u> – The former Theddlethorpe Gas Terminal Site is being considered as a possible surface reception facility, with planned underground facilities constructed in the deep rock layers up to 22km off the	The UK government is currently exploring 4 options for the location of a Geological Disposal Facility, three in west Cumbria (Mid Copeland; South	Immediately adjacent to the DCO Site Boundary at Theddlethorpe	3	NO	Based on the lack of available information relating to this other development, it is not possible to undertake a further detailed cumulative assessment at this stage. It would be envisaged that

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		<p>coastline. This means a land-based surface facility could provide access to underground tunnels and vaults many kilometres away, constructed in rocks up to 1,000 metres deep.</p> <p>The development would cover areas within the wards of Withern and Theddlethorpe and Mablethorpe.</p>	<p>Copeland; and Allerdale) and one in Lincolnshire at Theddlethorpe. Conversations with local people will now extend over the coming years, taking over from engagement started last year by the Working Group to consider the possibility of hosting a GDF in the area.</p> <p>Construction of a GDF requires both a suitable site and a willing community. If a suitable site is eventually found, a Test of Public Support would be held with those living in affected wards. The project could only go ahead with clear public support.</p>				<p>should the Theddlethorpe GDF plans be progressed and developed further, that our scheme would be considered within any assessment work they would undertake.</p>

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			<p>At this early stage in the process, no details are available relating to the actual specifics of the development at the former TGT site and it is clear that these still need to be developed as part of the ongoing discussions which are happening.</p>				

