



# **Norwich Western Link**

## **Environmental Statement**

### **Chapter 17: Population and Health**

#### **Appendix 1: In-combination assessment**

Author: WSP

Document Reference: 3.17.01

Version Number: 00

Date: March 2024



## **Contents**

1	In-Combination Assessment .....	3
1.1	Committed Developments Short List .....	3

## **Tables**

Table 1-1	In-Combination Assessment of Committed Development Short List .....	4
-----------	---	---



# 1 In-Combination Assessment

## 1.1 Committed Developments Short List

- 1.1.1 This Appendix assesses the in-combination effects of the Proposed Scheme in relation to Population and Human Health.
- 1.1.2 In-combination effects are defined as: the combined effects of a number of different projects in the vicinity of the Proposed Scheme (in combination with the Proposed Scheme) on a common sensitive receptor category and / or a single receptor / resource.
- 1.1.3 The following table presents the committed developments deemed to have the potential for significant effects in combination with the Proposed Scheme and assesses the likelihood of any significant effects in regards to Population and Human Health. Information on the assessment methodology can be found in **Chapter 20: Cumulative Assessment** (Document Reference 3.20.00).
- 1.1.4 The conclusions of this appendix are used to inform the assessment within **Chapter 20: Cumulative Assessment** (Document Reference 3.20.00).

**Table 1-1 In-Combination Assessment of Committed Development Short List**

ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
S1	20201769	Retention of 42m x 42m concrete hardstanding, building and bagging machinery; proposed increase of existing hardstanding area for bark processing/storage and erection of storage building	1.7km	Full Approval 08/01/2021	609150	315276	<p>Construction timeframe: Not available on planning portal.</p> <p>Construction: This development does not identify or indicate disruption or severance to Population and Human Health (P&amp;HH) receptors. The committed development is also distant from the Proposed Scheme. Therefore, there are no anticipated cumulative effects for P&amp;HH as a result of the committed development.</p> <p>Operation: No cumulative effect has been identified during operation due to the nature of this committed development being a retention and building development. The committed development is also distant from the Proposed Scheme.</p>
S2	20211831	Change of use of existing land to a campsite with associated toilet and shower block and reception/office space	0.9km	Full Approval 14/12/2021	614953	314234	<p>Construction timeframe: Not available on planning portal.</p> <p>Construction: This development does not identify or indicate disruption or severance to Population and Human Health (P&amp;HH) receptors. The committed development is also located beyond the study area used for the P&amp;HH assessment. Therefore, there are no anticipated cumulative effects for P&amp;HH as a result of the committed development.</p> <p>Operation: No cumulative effect has been identified during operation due to the nature of this committed development being a change of use development. The committed development is also distant from the Proposed Scheme.</p>

ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
S3	20172148	Residential Development of up to 93 Dwellings with Associated Access, Parking & Open Space (Outline)	0.9km	Outline Approval 28/09/2018	615325	314396	<p>Construction timeframe: Planning portal indicates construction was due to begin in spring 2018. However, online mapping system shows the site was under construction in 2021 (source: Google Earth). The committed development is likely to be completed prior the construction of the Proposed Scheme.</p> <p>Construction:</p> <p>The construction of the Proposed Scheme along with this committed development is likely to generate additional construction related employment. However, given the construction of this committed development has already commence. the committed development is likely to be completed prior the construction of the Proposed Scheme, no significant cumulative effect on construction employment is anticipated.</p> <p>Operation: No cumulative effect has been identified during operation due to the nature of this committed development being a residential development. The committed development is also distant from the Proposed Scheme.</p>
S4	20201332	Earth Bund directly north of the Northern Distributor Road (A1270), land that lies between the Fakenham Road and Fir Covert Road junctions.	0.8km	Full Approval 07/09/2020	615546	316118	<p>Construction timeframe: Not available on planning portal.</p> <p>Construction: Should the construction of the Proposed Scheme fall within the same timeframe with the committed development, a temporary <b>moderate adverse</b> effect (significant) is anticipated on Mid Norfolk Shooting Ground due to potential temporary access disruption from the potential road closure of the A1270 Broadland Northway.</p> <p>The construction of the Proposed Scheme along with this committed development is likely to generate additional construction related employment, a temporary <b>negligible</b> effect (not significant) is anticipated on construction employment.</p> <p>Operation: No further cumulative effect has been identified during operation once both road schemes have been completed.</p>

ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
S5	20171782	Hybrid planning application (part outline, part detailed), made up of: 1. An application for outline planning permission for the erection of a Class A1 retail unit; a Class A3/A4 public house/restaurant; Class A3/A5 fast food restaurant; and a Class A1/A3/B1 lifestyle leisure unit. 2. An application for full planning permission for the construction of a supermarket (Class A1), together with associated access, car parking and landscaping. The supermarket will comprise a total of 2,206 square metres, gross external footprint, and will be served by a total of 129 car parking spaces (of which 7 would be disabled spaces, and 8 parent and child spaces).	0.9km	Approval 12/02/2018	615728	315228	<p>Construction timeframe: Not available on planning portal. However, online mapping system shows the site was under construction in 2021 (source: Google Earth). The committed development is likely to be completed prior the construction of the Proposed Scheme.</p> <p>Construction:</p> <p>The construction of the Proposed Scheme along with this committed development is likely to generate additional construction related employment. However, given the construction of this committed development has already commenced, the committed development is likely to be completed prior the construction of the Proposed Scheme and no significant cumulative effect on construction employment is anticipated.</p> <p>Operation: No cumulative effect has been identified during operation due to the nature of this committed development being a residential development. The committed development is also distant from the Proposed Scheme.</p>

ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
S6	DCO	Proposed dual carriageway A47 North Tuddenham to Easton. Also PINS application (row 568) - Dualling of the single carriageway section of the A47 between Norwich and Dereham, linking together two existing sections of dual carriageway. The scheme will provide a new route to the south of Hockering and to the north of Honningham and include two new junctions. The first junction will be at Berry's Lane and Wood Lane, and the second junction will be located at Blind Lane and Norwich Road. Because of these additions to the side roads, the Easton roundabout will be removed.	0m	Granted 12/08/2022	Not applicable	Not applicable	<p>Construction timeframe: Late 2023 to early 2024 (source: A47 North Tuddenham to Easton Scheme update – Autumn 2022)</p> <p>Construction: Given the committed development would be completed ahead of the Proposed Scheme construction phase, no cumulative effect is anticipated.</p> <p>Operation: The A47 scheme also includes grade separated crossings for Non-Motorised Users which reduce severance effects for residents at Mattishall, Hockering, Honningham and Easton. The Proposed Scheme offers new NMU routes which connect with the underpass at Honningham and The STS scheme also connects with the new NMU bridge over A47 at Easton. Therefore, in combination with the Proposed Scheme, there would be a combined effect that is positive and beneficial for all users.</p>

ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
S7	DCO	Hornsea Project Three Offshore Wind Farm	0m	Granted 31/12/20	Not applicable	Not applicable	<p>Construction timeframe: 2021 to 2025 which may fall within the Proposed Scheme construction phase (source: Hornsea Project Three Offshore Wind Farm public consultation document)</p> <p>Construction: Should the construction of the Proposed Scheme fall within the same timeframe with the committed development, a temporary <b>slight adverse</b> effect (not significant) on two residential properties (PP5 and PP6), Khora Yoga and Marriott's Way circular due to access disruption; and temporary <b>moderate adverse</b> effect (significant) on WCH of Blackbreck Lane and Weston Longville FP9 due to access disruption is anticipated to facilitate the construction of underground cable.</p> <p>The construction of the Proposed Scheme along with this committed development is likely to generate additional construction related employment, a temporary <b>negligible</b> effect (not significant) is anticipated on construction employment.</p> <p>Operation: No further cumulative effect has been identified during operation given the proposed cable for the committed development would be underground.</p>
S8	20190021	Part Change of Use from C3 to D2 for the Use of the Site as a Wedding Venue for up to 20 Weddings per Year & Use of Buildings and Marquee in Association with Wedding Venue (Retrospective)	0.8km	Approved 21/03/19	612994	314662	<p>Construction timeframe: Not available on planning portal.</p> <p>Construction:</p> <p>The construction of the Proposed Scheme along with this committed development is likely to generate additional construction related employment, a temporary <b>negligible</b> effect (not significant) is anticipated on construction employment.</p> <p>Operation: No cumulative effect has been identified during operation due to the nature of this committed development being a building expansion development.</p>



ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
S9	2022/0509	Ground mounted solar photovoltaic (PV) farm with battery storage; along with continued agricultural use, ancillary infrastructure and security fencing, landscaping provision, ecological enhancements and associated works including underground cabling.	1.6km	Approval with Conditions 30/06/2022	609476	309832	<p>Construction timeframe: Not available on planning portal.</p> <p>Construction: The construction of the Proposed Scheme along with this committed development is likely to generate additional construction related employment, a temporary <b>negligible</b> effect (not significant) is anticipated on construction employment.</p> <p>Operation: No cumulative effect has been identified during operation due to the nature of this committed development being an energy infrastructure development. The committed development is also distant from the Proposed Scheme.</p>
S10	DCO	Norfolk Boreas Offshore Wind Farm - onshore cable route.	6.3km	Granted	Not applicable	Not applicable	<p>Construction timeframe: 2022 to 2027 which may fall within the Proposed Scheme construction phase (source: National Infrastructure Planning portal).</p> <p>Construction: The construction of the Proposed Scheme along with this committed development is likely to generate additional construction related employment, a temporary <b>negligible</b> effect (not significant) is anticipated on construction employment.</p> <p>Operation: No cumulative effect has been identified during operation due to the nature of this committed development being an energy infrastructure development. The committed development is also distant from the Proposed Scheme.</p>

ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
S11	DCO	Sheringham and Dudgeon Extension Projects.	0m	Not yet Approved	Not applicable	Not applicable	<p>Construction timeframe: From 2024 which may fall within the Proposed Scheme construction phase (source: National Infrastructure Planning portal).</p> <p>Construction: Should the construction of the Proposed Scheme fall within the same timeframe with the committed development, a temporary <b>slight adverse</b> effect (not significant) on Marriott's Way circular; and temporary <b>moderate adverse</b> effect (significant) on users of Weston Road are anticipated due to potential access disruptions to facilitate the construction of underground cable.</p> <p>The construction of the Proposed Scheme along with this committed development is likely to generate additional construction related employment, a temporary <b>negligible</b> effect (not significant) is anticipated on construction employment.</p> <p>Operation: No further cumulative effect has been identified during operation given the proposed cable for the committed development would be underground.</p>

ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
S12	GNLP0337R	<p>Allocation: This is a strategic-scale site well-related to the existing edge of Thorpe Marriott with no major constraints to make the site unsuitable for development. The site will need to be masterplanned to provide a local centre, community and recreation facilities including a school and medical care facility. Highway improvements will be needed including provision of roundabout access at Fir Covert Road, priority access at Reepham Road and traffic signals at the A1067 Fakenham Road/Fir Covert Road.</p>	1.3km	Allocation detailed in the Greater Norwich Local Plan	615968	315466	<p>Construction timeframe: Not available on Greater Norwich Local Plan.</p> <p>Construction: The construction of the Proposed Scheme along with this committed development is likely to generate additional construction related employment, a temporary <b>negligible</b> effect (not significant) is anticipated on construction employment.</p> <p>Operation: No cumulative effect has been identified during operation due to the nature of this allocation being a housing development. The allocation is also distant from the Proposed Scheme.</p>

ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
S13	GNLP0159R	Allocation: This site off Beech Avenue is allocated with access via the adjacent site with planning permission (20191065) under the same land ownership. The total area allocated reflects the mature trees on site as well as other buildings shown on the site map below.	1.1km	Allocation detailed in the Greater Norwich Local Plan	615139	314276	<p>Construction timeframe: Not available on Greater Norwich Local Plan.</p> <p>Construction:</p> <p>The construction of the Proposed Scheme along with this committed development is likely to generate additional construction related employment, a temporary <b>negligible</b> effect (not significant) is anticipated on construction employment.</p> <p>Operation: No cumulative effect has been identified during operation due to the nature of this allocation being a housing development. The allocation is also distant from the Proposed Scheme.</p>
S14	STS Scheme	Cycle friendly improvements within the highway boundary.	0m	Potential Application - Proposed Scheme outlined in the Norwich Western Link Sustainable Transport Strategy (not part of the Proposed Scheme application)	612493	315136	<p>Construction timeframe: Not known at this stage.</p> <p>Construction: The STS works would not be carried out until after the Proposed Scheme is completed so there would be no overlapping effects during construction. Operation: The STS Scheme is intended to be complementary to the Proposed Scheme, and would enhance opportunities for active travel once traffic is alleviated from the rural minor road network. The measures proposed are designed to connect with the NMU Provision which forms part of the Proposed Scheme. This would offer positive beneficial effects in the operational stage for Non-Motorised Users.</p> <p>The committed development and Proposed Scheme are anticipated to have a <b>positive</b> health outcome associated with physical activity, accessibility and social cohesion.</p>

ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
S15	2023/2200	Excavation of soils to construct an irrigation reservoir at Wensum Valley Golf and Country Club.	150m	Approved 15/01/24	615320	314395	<p>Construction timeframe: Not available on planning portal.</p> <p>Construction: The construction of the Proposed Scheme along with this committed development is likely to generate additional construction related employment, a temporary <b>negligible</b> effect (not significant) is anticipated on construction employment.</p> <p>Operation: No cumulative effect has been identified during operation due to the nature of this committed development being an improvement within a business premises.</p>
S16	2023/2575	Installation of pre-construction field drainage to support the operation of the Hornsea Project Three onshore export cable route (EIA Development)	0m	Pending Consideration	N/A	N/A	<p>Construction timeframe: 2021 to 2025 which may fall within the Proposed Scheme construction phase (source: Hornsea Project Three Offshore Wind Farm public consultation document)</p> <p>.The pre-construction drainage which is proposed for the committed development is within one of the same land parcels which is included in the assessment of the Proposed Scheme for Population and Human Health (land holding number 14). This land holding will experience a temporary and permanent <b>large adverse</b> effect (significant) due to the Proposed Scheme.</p> <p>The pre-construction drainage from the committed development will enable drainage within the adjacent agricultural land. It is not clear from the application when this will take place or how much of the land in question will be removed from existing farming practice, but the works are anticipated to take place between two to five days and once installed have a lifetime of between 30 and 50 years.</p> <p>The committed development is likely to have a beneficial impact on the drainage of surrounding land, but may have a combined effect, reducing the land available for farming. However the committed development will cover a relatively small area, and the combined effect will not be altered from a temporary and permanent <b>large adverse</b> effect (significant).</p>