



# **Norwich Western Link**

## **Environmental Statement**

### **Chapter 6: Air Quality**

#### **Appendix 6.8: Assessment of Cumulative Impacts**

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# 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 Air Quality.
- 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 Air Quality. 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 or Reference	Application 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	1.72km	Full Approval 08/01/2021	609150	315276	With the Proposed Scheme the adjacent road (Western Green Road) is expected to experience reduction in traffic. Given the small scale and nature of this committed development and its distance from the Proposed Scheme, the contribution of possible associated emissions sources to an in-combination/cumulative air quality impact is very likely to be negligible.
S2	20211831	Change of use of existing land to a campsite with associated toilet and shower block and reception/office space	990m	Full Approval 14/12/2021	614953	314234	Given the nature of this committed development the contribution to an in-combination/cumulative air quality impact is very likely to be negligible.
S3	20172148	Residential Development of up to 93 Dwellings with Associated Access, Parking & Open Space (Outline)	900m	Outline Approval 28/09/2018	615325	314396	With the Proposed Scheme the adjacent road (Ringland Road) is expected experience reduction in traffic. Given the nature of this committed development and its distance from the Proposed Scheme, the contribution of possible emissions sources to an in-combination/cumulative air quality impact is very likely to be negligible.
S4	20201332	Earth Bund directly north of the Northern Distributor Road (A1270), land that lies between the Fakenham Road and Fir Covert Road junctions.	845m	Full Approval 07/09/2020	615546	316118	With the Proposed Scheme the adjacent road (Ringland Road) is expected experience reduction in traffic. Given the nature of this committed development and its distance from the Proposed Scheme, the contribution of possible emissions sources to an in-combination/cumulative air quality impact is very likely to be negligible.

ID	Application Name or Reference	Application 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).	900m	Approval  12/02/2018	615728	315228	Given the nature of this committed development the contribution to an in-combination/cumulative air quality impact is very likely to be negligible.

ID	Application Name or Reference	Application 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 12/08/22	Not applicable	Not applicable	<p>In-combination/cumulative impact from construction dust would be mitigated as A47 DCO and Proposed Scheme contractors would be required to manage emissions.</p> <p>Operational phase in-combination/cumulative impact is accounted for in the traffic data used in the air quality assessment of the Proposed Scheme.</p>
S7	DCO	Hornsea Project Three Offshore Wind Farm	0m	Granted 31/12/20	Not applicable	Not applicable	<p>In-combination/cumulative impact from construction dust would be mitigated as Hornsea Project and Proposed Scheme contractors would be required to manage emissions.</p> <p>No operational in-combination/cumulative impact is anticipated.</p>

ID	Application Name or Reference	Application for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
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)	800m	Approved 21/03/19	612994	314662	Given the nature of this committed development the contribution to an in-combination/cumulative air quality impact is very likely to be negligible.
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	Given the nature of this committed development and distance from the Proposed Scheme the contribution to an in-combination/cumulative air quality impact is very likely to be negligible.
S10	DCO	Norfolk Boreas Offshore Wind Farm - onshore cable route.	10.4km	Granted	Not applicable	Not applicable	Given the nature of this committed development and distance from the Proposed Scheme the contribution to an in-combination/cumulative air quality impact is very likely to be negligible.
S11	DCO	Equinor Sheringham Shoal & Dudgeon Wind Farm Extension Project.	0m	Not yet Approved	Not applicable	Not applicable	In-combination/cumulative impact from construction dust would be mitigated as Equinor Sheringham Shoal & Dudgeon Wind Farm Extension Project and Proposed Scheme contractors would be required to manage emissions.  No operational in-combination/cumulative impact is anticipated.

ID	Application Name or Reference	Application for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
S12	GNLP0337R	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 master planned 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 Reephams Road and traffic signals at the A1067 Fakenham Road/Fir Covert Road.	1.3km	Allocation detailed in the Greater Norwich Local Plan	615968	315466	Operational phase in-combination/cumulative impact is accounted for in the traffic data used in the air quality assessment of the Proposed Scheme.
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	Operational phase in-combination/cumulative impact is accounted for in the traffic data used in the air quality assessment of the Proposed Scheme.



ID	Application Name or Reference	Application for 'other development' and brief description	Distance from project	Status	Easting	Northing	Topic Assessment
S14	Complementary Sustainable Transport Measures (described in the <b>Sustainable Transport Strategy</b> (Document Reference 4.02.00))	Cycle friendly improvements within the highway boundary.	0m	Potential Application	612493	315136	Given the nature of this committed development the contribution to an in-combination/cumulative air quality impact is very likely to be negligible.
S15	2023/2200	Excavation of soils to construct an irrigation reservoir at Wensum Valley Golf and Country Club.	150m	Decided	615320	314395	In-combination/cumulative impact from construction dust should be mitigated by planning condition requiring emissions management measures to be put in place.
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	Not applicable	Not applicable	In-combination/cumulative impact from construction dust would be mitigated as Hornsea Project and Proposed Scheme contractors would be required to manage emissions.