

Norfolk Vanguard Offshore Wind Farm

Appendix 26.2

Air Quality Traffic Data

Environmental Statement

Volume 3

Applicant: Norfolk Vanguard Limited
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Environmental Impact Assessment Environmental Statement

Document Reference: PB4476-005-0262

June 2018

For and on behalf of Norfolk Vanguard Ltd

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Signed:

Date: 8th June 2018

For and on behalf of Royal HaskoningDHV

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26 AIR QUALITY

26.2 Traffic Data

The traffic data used in the air quality assessment was provided by Royal HaskoningDHV, the transport consultants for the project. The derivation of the traffic flows is detailed in Chapter 24 Traffic and Transport.

Link	Road	Speed MPH	2015 Base		2023 Without Norfolk Vanguard		2023 With Norfolk Vanguard	
			AADT	%HGV	AADT	%HGV	AADT	%HGV
1a	A47	70	15,380	10%	17,719	10%	18,291	12%
1b	A47	70	15,380	10%	17,719	10%	18,456	12%
2	A47	70	20,675	10%	23,820	10%	24,513	11%
3	A47	70	36,940	7%	42,559	7%	43,085	8%
4	A47	70	42,551	7%	49,023	7%	49,417	7%
5	A47	70	40,800	5%	45,620	5%	46,324	6%
6	A47	70	18,349	6%	21,140	6%	21,819	9%
7	A47	70	13,339	9%	15,368	9%	15,741	11%
8	A146	40	11,947	5%	13,764	5%	14,104	7%
9	A47	50	33,788	3%	38,927	3%	39,659	5%
10	A47	40	23,061	3%	26,569	3%	27,294	5%
13a	A148	30	12,886	6%	14,846	6%	15,593	10%
13b	A148	30	9,297	6%	10,711	6%	11,280	10%
14	A148	30	10,873	5%	12,527	5%	13,018	8%
16	B1110/B1146 - Holt Road	49	7,124	1%	8,215	1%	8,576	4%
17	B1145 - Billingford Road	45	2,719	2%	3,135	2%	3,462	8%
18	A1067	30	7,698	7%	8,869	7%	9,270	10%
19	A148	50	11,404	9%	13,139	9%	13,895	13%
21	B1147 - Etling Green (Hoe Road South)	47	1,349	1%	1,556	1%	1,860	14%
22	B1147 - Dereham Road	39	2,073	1%	2,390	1%	2,719	10%
24	A1067	60	9,140	5%	10,530	5%	11,109	9%
29	A1067	60	11,562	7%	13,321	7%	13,771	9%
30	A1067	50	10,130	6%	11,671	6%	12,117	9%

Link	Road	Speed MPH	2015 Base		2023 Without Norfolk Vanguard		2023 With Norfolk Vanguard	
			AADT	%HGV	AADT	%HGV	AADT	%HGV
32	B1149 - Norwich Road	40	3,922	2%	4,522	2%	4,798	7%
33	B1149 - Holt Road	47	5,116	3%	5,899	3%	6,290	7%
34	B1145 - west of Cawston	43	2,569	1%	2,962	1%	3,356	8%
35a	B1159 - Cost Road	44	3,139	1%	3,620	1%	4,114	9%
35b	B1159 - Cost Road	44	3,139	1%	3,620	1%	3,970	8%
36	B1149 - Holt Road	45	7,327	2%	8,449	2%	8,796	5%
39	A140 - Hevingham	50	12,420	3%	15,080	3%	15,444	4%
40a	A140 - Roughton	30	8,754	2%	10,085	2%	10,441	5%
40b	A140 - Roughton	30	11,725	4%	13,508	4%	13,883	6%
41	B1436 - Felbrigg	36	6,181	2%	7,128	2%	7,669	8%
42	B1145 - Reepham Road	43	2,197	1%	2,534	1%	2,839	7%
44a	A149	30	8,190	5%	9,436	5%	9,874	8%
44b	A149	30	8,190	5%	9,436	5%	9,904	8%
45	A149	30	6,276	5%	7,231	5%	7,588	8%
46	B1145 - Lyngate Road	43	5,365	2%	6,186	2%	6,671	5%
47c	North Walsham Road - Edingthorpe Green	42	1,891	1%	2,180	1%	2,400	9%
49	B1159	32	3,365	2%	3,880	2%	4,112	6%
52	A149 - Wayford Road	45	12,466	1%	14,374	1%	14,737	3%
53	A149	30	34,323	4%	39,544	4%	40,482	6%
54	A149	30	26,345	3%	30,352	3%	30,652	4%
55	A149	60	21,454	2%	24,717	2%	25,017	3%
56	A149	30	8,125	4%	9,361	4%	9,699	7%
57	A149	50	8,256	6%	9,512	6%	9,852	8%
58	NDR - Link a	60	n/a	n/a	37,825	4%	38,361	5%
59	NDR - Link b	60	n/a	n/a	26,380	4%	26,901	6%
60	NDR - Link c	60	n/a	n/a	19,580	4%	19,982	6%
64	A12	30	9,413	6%	10,845	6%	11,164	8%
65	A47	30	14,909	3%	17,177	3%	17,900	7%