



NORTH FALLS

Offshore Wind Farm

PRELIMINARY ENVIRONMENTAL INFORMATION REPORT

Appendix 20.2 Air Quality Assessment Traffic Data

Document Reference No: 004577224-02

Date: 17 March 2023

Revision: 02



NORTH FALLS

Offshore Wind Farm

PRELIMINARY ENVIRONMENTAL INFORMATION REPORT

17 March 2023

Project	North Falls Offshore Wind Farm
Sub-Project or Package	Environmental Impact Assessment
Document Title	Preliminary Environmental Information Report Appendix 20.2 Air Quality Assessment Traffic Data
Document Reference	004577224-02
Revision	02 (Draft A)
Supplier Reference No	PB9244-RHD-ZZ-ON-RP-AC-0156

This document and any information therein are confidential property of North Falls Offshore Wind Farm Limited and without infringement neither the whole nor any extract may be disclosed, loaned, copied or used for manufacturing, provision of services or other purposes whatsoever without prior written consent of North Falls Offshore Wind Farm Limited, and no liability is accepted for loss or damage from any cause whatsoever from the use of the document. North Falls Offshore Wind Farm Limited retains the right to alter the document at any time unless a written statement to the contrary has been appended.

Revision	Date	Status/Reason for Issue	Originator	Checked	Approved
01 (Draft A)	21/11/2022	1 st draft for NFOW review	EW	GC	-
02 (Draft A)	17/03/2023	Final	EW	GC	JP / DH / AP

Contents

1 Air quality assessment traffic data 5

Tables

Table 1 Traffic data used in the assessment 5

Glossary of Acronyms

HDV	Heavy Duty Vehicle
AADT	Annual Average Daily Traffic

1 Air quality assessment traffic data

- The traffic data used in the air quality assessment are summarised in Table 1 below.

Table 1 Traffic data used in the assessment

Link ID	Road Name	2019 Base Year		2026 Base Year		2026 with North Falls Construction Flows	
		Total AADT	HGV	Total AADT	HGV	Total AADT	HGV
1	A120 from the A12 to the A133	44,278	6.2%	49,188	6.2%	50,066	7.0%
2	A120 from the A133 to Harwich Road	44,278	6.2%	49,188	6.2%	49,874	7.0%
3	A120 from Harwich Road to Bentley Road	12,561	13.0%	13,954	13.0%	14,675	15.4%
4	Bentley Road from the A120 to Little Bromley	944	1.6%	1,048	1.6%	1,506	14.2%
5	Bentley Road through Little Bromley	944	1.6%	1,048	1.6%	1,146	1.5%
6	B1035 south of the A120 to Tendring Green	5,281	1.6%	5,867	1.6%	6,243	2.5%
7	Bromley Road north of Little Bromley	1,540	1.8%	1,711	1.8%	1,809	1.7%
8	Bromley Road south of the A137	1,540	1.8%	1,711	1.8%	1,809	1.7%
9	A137 east-west through Lawford	12,086	2.5%	13,426	2.5%	13,426	2.5%
10	A137 north-south through Lawford	12,086	2.5%	13,426	2.5%	13,722	2.5%
11	Parsonage Lane and Wolves Hall Lane east of the B1035	85	2.3%	94	2.3%	136	1.6%

Link ID	Road Name	2019 Base Year		2026 Base Year		2026 with North Falls Construction Flows	
		Total AADT	HGV	Total AADT	HGV	Total AADT	HGV
12	Stones Green Road	258	2.3%	286	2.3%	328	2.0%
13	B1035 south of the B1352	7,747	1.9%	8,606	1.9%	8,811	1.9%
14	B1035 north of the A120	7,747	1.9%	8,606	1.9%	8,889	2.3%
15	A120 from Bentley Road to the B1035	12,561	13.0%	13,954	13.0%	14,522	15.6%
16	A120 from the B1035 to Colchester Road	12,561	13.0%	13,954	13.0%	14,570	15.5%
17	Colchester Road south of the A120	1,147	2.1%	1,274	2.1%	1,506	5.9%
18	A120 from Colchester Road to the B1352	10,410	14.0%	11,564	14.0%	12,015	17.2%
19	A120 from the B1352 to Parkeston Road	10,410	14.0%	11,564	14.0%	12,008	17.2%
20	A133 south of the A120	32,030	4.2%	35,582	4.2%	35,966	4.7%
21	A133 to the B1033	30,732	4.2%	34,140	4.2%	34,537	4.7%
22	A133 south of the B1033 to Progress Way	21,796	3.5%	24,213	3.5%	24,377	3.8%
23	A133 south of Progress Way to the B1032	21,796	3.5%	24,213	3.5%	24,381	3.8%
24	B1032 east of the A133 to Holland Road	12,081	2.1%	13,421	2.1%	13,594	2.7%
25	B1032 from Holland Road to Kings Parade	12,906	2.3%	14,337	2.3%	14,494	2.8%
26	B1032 from Kings Parade to the south of	6,803	1.3%	7,557	1.3%	7,773	2.3%

Link ID	Road Name	2019 Base Year		2026 Base Year		2026 with North Falls Construction Flows	
		Total AADT	HGV	Total AADT	HGV	Total AADT	HGV
	Great Holland						
27	B1032 through Great Holland	6,803	1.3%	7,557	1.3%	7,620	1.3%
28	B1033 north of the B1032 through Kirby Cross to Pork Lane	9,072	1.5%	10,078	1.5%	10,141	1.5%
29	B1033 from Pork Lane to the south of Thorpe-le-Soken	9,072	1.5%	10,078	1.5%	10,255	1.9%
30	B1033 south of the B1414 through Thorpe-le-Soken	9,072	1.5%	10,078	1.5%	10,253	1.9%
31	B1414 east of the B1033	1,403	4.4%	1,559	4.4%	1,560	4.4%
32	B1033 north of the B1414 through Thorpe-le-Soken	9,072	1.5%	10,078	1.5%	10,252	1.9%
33	B1033 from the B1441 to the B1035 through Weeley	10,083	1.9%	11,202	1.9%	11,440	2.9%
34	B1033 from the A133 to the B1441	10,083	1.9%	11,202	1.9%	11,449	2.9%
35	B1035 north of B1033 to Whitehall Lane	1,543	1.9%	1,714	1.9%	2,020	5.3%
36	B1035 through Tendring Green from Parsonage Lane to Stones Green Road	5,281	1.6%	5,867	1.6%	6,061	1.5%
37	B1035 north of Whitehall Lane to Swan Road	1,543	1.9%	1,714	1.9%	2,020	5.3%

Link ID	Road Name	2019 Base Year		2026 Base Year		2026 with North Falls Construction Flows	
		Total AADT	HGV	Total AADT	HGV	Total AADT	HGV
38	B1035 through Goose Green	5,281	1.6%	5,867	1.6%	6,020	1.5%
39	B1035 north of Swan Road to the south of Tendring	2,224	1.8%	2,470	1.8%	2,776	4.3%
40	B1035 through Tendring to Crown Lane	2,224	1.8%	2,470	1.8%	2,619	1.7%
41	Crown Lane	3,045	1.4%	3,383	1.4%	3,388	1.4%
42	B1035 from Crown Lane to Lodge Lane	2,224	1.8%	2,470	1.8%	2,624	1.7%