

Norfolk Boreas Offshore Wind Farm

Appendix 26.3

Air Quality Background Pollutant Concentrations

Environmental Statement

Volume 3

Applicant: Norfolk Boreas Limited
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Glossary of Acronyms

NO ₂	Nitrogen Dioxide
PM ₁₀	Particulate Matter with an aerodynamic diameter of less than 10 µm
PM _{2.5}	Particulate Matter with an aerodynamic diameter of less than 2.5 µm

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1 Air Quality Background Pollutant Concentrations

Table 1.1 2017 Background Pollutant Concentrations

Local Authority	Receptor ID	Receptor		
		NO ₂	PM ₁₀	PM _{2.5}
Breckland Council	R3	7.77	14.56	9.15
	R4	8.06	13.77	8.90
	R9	7.69	13.42	8.76
	R10	7.59	14.63	9.34
	R11	7.59	14.63	9.34
	R12	7.81	14.42	9.19
	R15	8.49	14.75	9.61
	R16	8.20	13.83	9.03
	R22	9.45	15.26	9.59
	R80	7.60	12.91	8.55
	R81	7.79	13.40	8.79
	R82	8.20	14.50	9.41
	R83	7.98	14.66	9.40
	R87	8.49	14.75	9.61
Broadland District Council	R17	8.30	15.01	9.99
	R18	8.30	15.01	9.99
	R19	9.17	13.69	8.75
	R20	8.63	13.52	8.84
	R21	8.95	14.02	9.05
	R35	11.11	14.29	9.41
	R36	10.74	15.15	9.74
	R42	9.74	12.65	8.50
	R43	8.98	13.39	8.82
	R49	9.52	13.84	9.08
	R69	9.29	14.15	9.25
	R70	11.81	14.29	9.51
	R71	13.00	15.27	9.95
	R75	8.11	14.16	9.19
	R76	8.10	13.51	8.76
	R77	9.42	13.88	9.22
	R79	8.07	13.89	9.05
	R85	9.42	13.88	9.22
R86	9.83	15.03	9.75	
R88	7.72	13.98	8.98	
Great Yarmouth Borough Council	R33	11.88	13.35	9.26
	R34	13.32	15.73	11.46
	R37	10.75	13.36	8.69
	R38	13.96	17.46	13.17
	R39	10.27	12.52	8.66
	R40	9.55	12.88	8.67
	R41	9.77	13.00	8.87
	R67	9.23	13.66	9.11
	R68	8.62	12.90	8.67
	R72	13.96	17.46	13.17
King's Lynn and West Norfolk Borough Council	R1	10.53	13.99	9.22
	R2	8.36	13.41	8.78

Local Authority	Receptor			
	ID	NO ₂	PM ₁₀	PM _{2.5}
North Norfolk District Council	R5	8.11	13.92	8.88
	R6	8.10	14.33	9.09
	R7	8.36	14.66	9.29
	R8	8.04	13.17	8.55
	R13	9.98	15.63	9.62
	R14	7.75	14.42	9.15
	R44	8.20	13.71	8.89
	R45	8.20	13.71	8.89
	R46	7.90	13.64	9.03
	R47	8.20	14.21	9.38
	R48	8.20	14.21	9.38
	R50	8.28	14.61	9.48
	R51	7.91	13.39	8.81
	R52	8.06	13.59	8.93
	R53	8.06	13.59	8.93
	R54	9.96	14.77	10.50
	R55	9.53	14.55	9.70
	R56	8.13	13.00	8.70
	R57	7.77	11.90	8.13
	R58	9.07	14.65	9.67
	R59	8.17	13.86	9.03
	R60	9.07	14.65	9.67
	R61	9.27	13.86	9.30
	R62	8.88	14.95	10.06
	R63	9.39	13.12	8.78
	R64	9.27	13.51	7.88
	R65	9.91	13.42	8.14
	R66	9.91	13.42	8.14
R73	8.99	14.74	9.67	
R74	7.82	14.24	9.17	
R78	8.10	15.14	10.12	
R84	9.53	14.55	9.70	
South Norfolk District Council	R23	9.37	13.72	8.96
	R24	13.18	14.42	9.49
	R25	13.19	15.74	10.12
	R26	9.43	15.07	9.62
	R27	9.36	14.87	9.51
	R89	15.19	14.94	9.83
Waveney District Council	R28	10.23	14.79	10.45
	R29	11.24	14.89	10.44
	R30	11.62	16.36	12.17
	R31	10.58	13.50	9.44
	R32	9.11	13.09	8.92