

A46 Coventry Junctions (Walsgrave) Scheme number: TR010066

6.3 Environmental Statement Appendices Appendix 5.3 Air Quality Receptor Results

APFP Regulations 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009

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ENVIRONMENTAL STATEMENT APPENDICES
Appendix 5.3 Air Quality Receptor Results

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1. Air quality receptor results

1.1.1. This appendix contains the results for all of the modelled human health receptors (Table 1.2), ecological receptors (Table 1.4 to Table 1.6) and compliance risk assessment (Table 1.7) receptors.

1.2. Human health receptor results

1.2.1. A total of 94 human health receptors were modelled to predict air quality concentrations at a local level. The full information of the modelled receptors is presented in Table 1.1 and the full modelled results are presented in Table 1.2.

Table 1.1 Human health receptor information

Receptor	X	Y	Z	Address	Property type
R1	438286.85	279123.55	1.5	64 Gainford Rise	Residential
R2	438340.03	278970.94	1.5	House next to playpark on Valencia Road	Residential
R3	438380.4	278934.22	1.5	17 Valencia Road	Residential
R4	438409.35	278889.67	1.5	2 Florence Road	Residential
R5	438387.863	278923.19	1.5	17 Valencia Road	Residential
R6	438496.69	278746.65	1.5	1 Sevilla Close	Residential
R7	438132.4	279192.6	1.5	6 Royston Close	Residential
R8	437893.9	279379.25	1.5	187 Clifford Bridge Road	Residential
R9	437925.5	279349.5	1.5	162 Clifford Bridge Road	Residential
R15	437936.546	279353.594	1.5	162 Clifford Bridge Road	Residential
R16	437977.1	279300.65	1.5	11 Faygate Close	Residential
R17	438422.1	279466.5	1.5	Hungerley Hall Farm	Residential
R18	438438.7	279485.9	1.5	Hungerley Hall Farm	Residential
R20	438618.55	278451.95	1.5	41 Hepworth Road	Residential
R21	438731.2	278196.41	1.5	5 Kingsholm Close	Residential
R22	438795.321	278079.002	1.5	21 Kings Park Drive	Residential
R23	438683.09	278286.46	1.5	18 Dowley Croft	Residential
R24	438522.3	278679.3	1.5	House next to 9 Tylney Close	Residential
R19	438568	278566.05	1.5	15-17 Hepworth Road	Residential
R10	438274.2	279827.3	1.5	6 Fontmell Close	Residential
R25	438469.15	279505.5	1.5	Hungerley Hall Farm (east outbuilding)	Residential
R26	438459.1	279491	1.5	Hungerley Hall Farm (east outbuilding)	Residential
R27	438383.95	279500.5	1.5	Hungerley Hall Farm (west outbuilding)	Residential
R28	438419.45	279535.25	1.5	Hungerley Hall Farm (north outbuilding)	Residential

Receptor	X	Y	Z	Address	Property type
R29	438429.95	279498.35	1.5	Hungerley Hall Farm (north outbuilding)	Residential
R30	438407.8	279475.9	1.5	Hungerley Hall Farm (west outbuilding)	Residential
R11	437853.629	279726.584	1.5	Keswick Walk / Clifford Bridge Road	Residential
R12	437796	280217.7	1.5	2 Dorchester Way	Residential
R13	437632.802	280551.375	1.5	269 Clifford Bridge Road	Residential
R14	437630.25	280572.473	1.5	273 Clifford Bridge Road	Residential
R31	437937.1	280925.55	1.5	5 Hall Lane / Hinckley Road	Residential
R32	437967.7	280979.2	1.5	Thatched Cottage along Hinckley Road	Residential
R33	437809.113	280856.008	1.5	29 Blackshaw Drive	Residential
R34	437812.45	280801.9	1.5	460 Ansty Road	Residential
R35	437891.51	280946.51	4.5	Flat above Dulai News	Residential
R36	437950.3	280950.3	1.5	4 Hinkley Road	Residential
R37	437930.79	280995.61	1.5	The Old Yard Building	Residential
R38	437917.58	280987.2	1.5	The Old Yard Building	Residential
R39	437610.15	280678.3	1.5	4523 Antsy Road	Residential
R40	437587.95	280662.2	1.5	443/445 Antsy Road	Residential
H1	437763.7	280655.32	1.5	Caludon Centre	Medical
H2	437799.68	280716.6	1.5	Caludon Centre	Medical
H3	437815.87	280734.31	1.5	Caludon Centre	Medical
H4	437756.133	280609.758	1.5	Caludon Centre	Medical
H5	437775.9	280584.72	1.5	Caludon Centre	Medical
H6	437849.68	280460.54	1.5	Coventry Myton Hospice	Medical
S1	437785.75	279847	1.5	Imagine. Creative Early Years, Nursery & Training	Educational
R41	437790.55	279929.553	1.5	15 Dalton Gardens	Residential
R42	437824.4	280099.35	1.5	20 Blandford Drive	Residential
R43	437846.2	280002	1.5	29 Frampton Walk	Residential
R44	437881.5	279858.7	1.5	28 Marnhull Close	Residential
R45	438979.01	277653.31	1.5	107 Rugby Road	Residential
R46	437644.062	276462.598	1.5	7 Hastingscroft Close	Residential
R47	437544.82	276399.737	1.5	14 Woodpecker Close	Residential
R48	436549	275709.05	1.5	London Road, Tollbar End	Residential
R49	436556.45	275712	1.5	London Road, Tollbar End	Residential
R50	438049.4	278018.1	1.5	330 Willenhall Lane	Residential
R51	438053.8	277995.5	1.5	324 Willenhall Lane	Residential
H7	438037.97	278048.168	1.5	Kenyon Medical Centre	Medical

Receptor	X	Y	Z	Address	Property type
S2	438005.1	278016.95	1.5	Cherry Tree Nurseries - Binley	Educational
R52	437992.95	278127.8	1.5	Brandon Road	Residential
R54	437979.1	278141	1.5	Brandon Road	Residential
R55	437586.626	276428.101	1.5	15 Woodpecker Way	Residential
R56	439265.07	283494.06	1.5	Noonhill Cottage, Grove Road, Ansty	Residential
R57	439082.582	283606.29	1.5	Noon Hill Farm - Residential Building	Residential
R58	439540.68	284255.41	1.5	Charles Lakin Close	Residential
R59	439644.24	284479.41	1.5	Wood Lane	Residential
R60	439773.17	284487.2	1.5	Static Carvans, Wood Lane	Residential
R61	440000.73	284745.53	1.5	45 Hallway Drive	Residential
R62	439981.65	284915.62	1.5	Longbank	Residential
R63	440037.676	285263.944	1.5	14 Bulkington Road	Residential
R64	440387.738	286525.377	1.5	Arbury Farm, Withybrook Rd, Bulkington,	Residential
R65	440801.69	286395.51	1.5	Arbury House	Residential
R66	441222.093	288311.764	1.5	Military Army Cadet Training Centre	Residential
S3	441693.132	288187.787	1.5	Lake Haven School	Educational
R67	442070.699	289044.741	1.5	Shelford House, Lutterworth Rd,	Residential
R68	442828.199	290515.822	1.5	Burton Fields Farm, Hinkley Road	Residential
R53	443816.78	291033.28	1.5	Start Farm - Burbage Hinckley	Residential
R69	436211.953	275848.061	1.5	8 Stonehouse Lane	Residential
R70	436024.8	275873.35	1.5	Selsey Close	Residential
S4	435783.995	275934.026	1.5	Baginton Fields School	Educational
S5	435750.925	275944.425	1.5	Baginton Fields School	Educational
R71	433929.95	275751.05	1.5	Leaf Court	Residential
R72	436424	275848.4	1.5	2 Robert Close	Residential
S7	433895.717	275763.413	1.5	The Playhouse Nursery	Educational
R73	433711.34	275366.302	1.5	5 Underhill Close	Residential
R74	433822.2	275243.35	1.5	6 Mill Hill	Residential
R75	433437.4	275080.05	1.5	2 Leigh Avenue	Residential
R76	433763.435	275416.812	1.5	18 Mylgrove	Residential
R77	433335.953	274900.981	1.5	72 Howes Lane	Residential
S6	433274.015	274589.429	1.5	Severn Trent Academy	Educational
R78	432764.798	274551.846	1.5	King's Hill Kane	Residential
R79	433102.94	274459.51	1.5	St Martin's Road	Residential
R80	432475.42	273716.93	1.5	Manor Welds Farm	Residential

Table 1.2 Modelled annual mean NO₂ and PM₁₀ results – Human health receptors

Receptor	Annual mean NO ₂ (µg/m ³)				Annual mean PM ₁₀ (µg/m ³)
	Base 2018	DM 2028	DS 2028	Impact (DS – DM)	Base 2018
R1	18.7	15.0	14.9	-0.2	16.9
R2	19.5	15.7	15.7	<0.1	16.4
R3	20.7	16.6	16.7	+0.1	16.6
R4	21.3	17.1	17.1	+0.1	16.7
R5	20.9	16.7	16.8	+0.1	16.6
R6	23.7	19.2	19.3	+0.1	17.1
R7	16.4	13.2	13.1	-0.2	16.5
R8	22.5	18.3	17.6	-0.7	15.7
R9	25.8	21.1	20.2	-0.9	16.2
R10	16.2	12.9	12.8	-0.1	16.5
R11	22.3	17.9	17.3	-0.7	15.6
R12	23.0	18.5	18.1	-0.4	15.6
R13	24.3	19.7	19.4	-0.3	15.8
R14	24.6	19.9	19.6	-0.3	15.9
R15	23.3	19.0	18.2	-0.8	15.8
R16	19.5	15.8	15.2	-0.6	15.2
R17	23.1	18.6	18.7	+0.2	17.6
R18	22.8	18.4	18.8	+0.4	17.6
R19	20.9	16.5	16.7	+0.2	16.6
R20	20.5	16.1	16.3	+0.2	16.5
R21	22.0	16.8	17.1	+0.3	16.7
R22	28.2	20.5	21.0	+0.5	17.6
R23	20.7	16.0	16.3	+0.2	16.5
R24	22.8	18.1	18.2	+0.1	16.9
R25	23.5	19.0	20.1	+1.1	17.8
R26	23.8	19.2	20.2	+1.0	17.8
R27	20.1	16.1	15.9	-0.2	17.1
R28	20.1	16.1	16.1	+0.1	17.1
R29	21.7	17.4	17.6	+0.2	17.4
R30	21.8	17.5	17.4	-0.1	17.4
R31	28.1	22.9	22.4	-0.4	16.4
R32	29.4	24.4	24.0	-0.4	16.6
R33	32.5	26.7	26.1	-0.6	17.2
R34	27.1	22.1	21.7	-0.4	16.3

Receptor	Annual mean NO ₂ (µg/m ³)				Annual mean PM ₁₀ (µg/m ³)
	Base 2018	DM 2028	DS 2028	Impact (DS – DM)	Base 2018
R35	26.2	21.3	20.9	-0.4	16.1
R36	28.8	23.5	23.1	-0.4	16.5
R37	29.3	24.3	23.9	-0.4	16.5
R38	29.8	24.7	24.2	-0.5	16.6
R39	26.6	21.6	21.3	-0.3	16.2
R40	25.3	20.5	20.2	-0.2	16.0
R41	23.8	19.2	18.4	-0.8	15.9
R42	22.5	18.1	17.6	-0.4	15.6
R43	22.4	18.0	17.5	-0.5	15.6
R44	20.7	16.6	16.0	-0.6	15.4
R45	24.2	19.1	19.1	+0.1	17.0
R46	26.1	21.7	22.1	+0.4	17.7
R47	25.8	21.0	21.4	+0.3	17.6
R48	26.7	21.7	21.8	+0.1	17.6
R49	26.0	21.1	21.2	+0.1	17.5
R50	19.5	15.6	15.3	-0.3	16.3
R51	20.4	16.3	16.0	-0.3	16.4
R52	22.8	18.5	18.1	-0.4	15.8
R53	19.6	15.9	16.5	+0.6	15.9
R54	22.7	18.4	18.0	-0.4	15.8
R55	25.7	20.9	21.2	+0.3	17.6
R56	29.9	25.4	24.6	-0.8	17.4
R57	20.9	17.6	17.0	-0.7	16.5
R58	30.9	25.3	25.6	+0.3	17.7
R59	26.9	22.0	22.2	+0.2	17.4
R60	39.9	33.2	33.5	+0.2	19.0
R61	22.0	17.9	18.0	+0.1	15.5
R62	34.2	28.3	28.5	+0.2	18.1
R63	29.1	23.9	24.0	+0.1	18.1
R64	17.3	14.0	14.1	+0.1	16.3
R65	19.5	15.9	15.9	+0.1	16.5
R66	15.0	12.1	12.1	<0.1	15.6
R67	20.1	16.4	16.5	+0.1	16.2
R68	20.3	16.5	16.4	-0.1	16.9
R69	35.5	25.7	25.9	+0.1	19.2

Receptor	Annual mean NO ₂ (µg/m ³)				Annual mean PM ₁₀ (µg/m ³)
	Base 2018	DM 2028	DS 2028	Impact (DS – DM)	Base 2018
R70	32.9	25.0	25.0	+0.1	19.2
R71	28.3	23.2	23.0	-0.2	17.7
R72	37.5	30.8	30.8	<0.1	19.2
R73	30.4	24.4	24.4	+0.1	18.2
R74	22.6	18.2	18.2	+0.1	16.6
R75	28.0	22.3	22.4	+0.1	17.6
R76	29.9	24.1	24.1	+0.1	18.0
R77	33.5	26.7	26.8	+0.1	18.9
R78	17.4	13.9	13.9	<0.1	16.6
R79	25.1	20.1	20.1	<0.1	17.1
R80	16.4	13.2	13.2	<0.1	16.4
S1	19.5	15.6	15.2	-0.4	15.2
S2	17.4	13.9	13.6	-0.3	16.0
S3	28.3	23.4	23.6	+0.2	17.0
S4	21.7	17.1	17.1	<0.1	16.6
S5	21.0	16.5	16.5	<0.1	16.5
S6	22.3	17.9	17.9	<0.1	16.6
S7	26.4	21.2	21.0	-0.2	17.3
H1	22.6	18.2	17.9	-0.3	15.6
H2	22.2	17.9	17.6	-0.3	15.5
H3	22.0	17.7	17.5	-0.3	15.5
H4	22.5	18.1	17.9	-0.3	15.5
H5	22.2	17.9	17.6	-0.3	15.5
H6	20.7	16.6	16.4	-0.3	15.3
H7	19.6	15.7	15.4	-0.3	16.3
Bold donates a change greater than 1% (+/-0.4 µg/m ³) of the annual mean objective (40 µg/m ³)					

1.3. Ecological receptor results

- 1.3.1. A total of 23 ecological transects were modelled to predict annual mean NO_x and NH₃ concentrations, and associated nitrogen deposition rates, at the identified designated sites within 200m of the assessed road network, as presented within ES Figure 5.5a and 5.5b (Transect Receptor Locations for Designated Sites Included in Operational Phase Air Quality Assessment) (**TR010066/APP/6.2**) with full information of the modelled receptors presented in Table 1.3. The designated sites include Sites of Special Scientific Interest (SSSI), Local Nature Reserves (LNR) and Local Wildlife Sites (LWS).

1.3.2. The full set of results are presented in Table 1.4 (annual mean NO_x), and Table 1.5 (annual mean NH₃). The corresponding annual nitrogen deposition rate results are presented in Table 1.6. The equivalent magnitudes of impact are visualised in the following ES Figures:

- ES Figures 9a-9c (Operational Phase Annual Mean NO_x Concentration Impacts at Ecological Transects) (**TR010066/APP/6.2**)
- ES Figures 10a-10c (Operational Phase Annual Mean NH₃ Concentration Impacts at Ecological Transects) (**TR010066/APP/6.2**)
- ES Figures 11a-11c (Operational Phase Annual Mean Nitrogen Deposition Impacts at Ecological Transects) (**TR010066/APP/6.2**).

Table 1.3 Ecological receptor information

Receptor ¹	X	Y	Designation	Distance from road (m)
E1_1	434428	275670	Lower Sowe Meadows LWS	10
E1_2	434431	275680		20
E1_3	434434	275689		30
E1_4	434437	275699		40
E1_5	434440	275708		50
E1_6	434444	275718		60
E1_7	434447	275727		70
E1_8	434450	275737		80
E1_9	434453	275746		90
E1_10	434456	275756		100
E1_11	434459	275765		110
E1_12	434462	275775		120
E1_13	434465	275784		130
E1_14	434468	275794		140
E1_15	434472	275803		150
E1_16	434475	275813		160
E1_17	434478	275822		170
E1_18	434481	275832		180
E1_19	434484	275841		190
E1_20	434487	275851		200
E1_21	434490	275860		210
E1_22	434493	275870		220
E1_23	434495	275875		230
E2_2	434693	275631	Stonebridge Meadows LNR	20
E2_3	434694	275640		30
E2_4	434696	275650		40

Receptor ¹	X	Y	Designation	Distance from road (m)
E2_5	434697	275660		50
E2_6	434698	275670		60
E2_7	434700	275680		70
E2_8	434701	275690		80
E2_9	434702	275700		90
E2_10	434704	275710		100
E2_11	434705	275720		110
E2_12	434706	275730		120
E2_13	434708	275740		130
E2_14	434709	275749		140
E2_15	434710	275759		150
E2_16	434712	275769		160
E2_17	434713	275779		170
E2_18	434715	275789		180
E2_19	434715	275790		190
E3_1	435272	275626	Lower Sowe Meadows LWS	10
E3_2	435272	275636		20
E3_3	435272	275646		30
E3_4	435272	275656		40
E3_5	435272	275666		50
E3_6	435272	275676		60
E3_7	435272	275686		70
E3_8	435272	275696		80
E3_9	435272	275706		90
E3_10	435272	275716		100
E3_11	435273	275726		110
E3_12	435273	275736		120
E3_13	435273	275746		130
E3_14	435273	275756		140
E3_15	435273	275766		150
E3_16	435273	275776		160
E3_17	435273	275786		170
E3_18	435273	275796		180
E3_19	435273	275806		190
E3_20	435273	275816		200
E3_21	435273	275822		210

Receptor ¹	X	Y	Designation	Distance from road (m)
E5_2	437042	276162	Willenhall Wood LNR - inc. Ancient Woodland	20
E5_3	437037	276170		30
E5_4	437031	276179		40
E5_5	437025	276187		50
E5_6	437019	276195		60
E5_7	437014	276203		70
E5_8	437008	276211		80
E5_9	437002	276220		90
E5_10	436997	276228		100
E5_11	436991	276236		110
E5_12	436985	276244		120
E5_13	436979	276252		130
E5_14	436974	276261		140
E5_15	436968	276269		150
E5_16	436962	276277		160
E5_17	436957	276285		170
E5_18	436951	276293		180
E5_19	436945	276302		190
E5_20	436941	276308		200
E7_1	438119	276879	Herald Way Marsh SSSI	10
E7_2	438112	276886		20
E7_3	438105	276892		30
E7_4	438097	276899		40
E7_5	438090	276906		50
E7_6	438082	276913		60
E7_7	438075	276919		70
E7_8	438067	276926		80
E7_9	438060	276933		90
E7_10	438053	276939		100
E7_11	438045	276946		110
E7_12	438038	276953		120
E7_13	438030	276959		130
E7_14	438023	276966		140
E7_15	438016	276973		150
E7_16	438008	276980		160
E7_17	438001	276986		170

Receptor ¹	X	Y	Designation	Distance from road (m)
E7_18	437993	276993		180
E7_19	437986	277000		190
E7_20	437982	277003		200
E9_2	438462	277165	Piles Coppice LWS inc. Ancient Woodland	20
E9_3	438471	277159		30
E9_4	438479	277154		40
E9_5	438487	277148		50
E9_6	438495	277142		60
E9_7	438504	277137		70
E9_8	438512	277131		80
E9_9	438520	277125		90
E9_10	438528	277120		100
E9_11	438537	277114		110
E9_12	438545	277108		120
E9_13	438553	277103		130
E9_14	438561	277097		140
E9_15	438569	277091		150
E9_16	438578	277086		160
E9_17	438586	277080		170
E9_18	438594	277074		180
E9_19	438602	277069		190
E9_20	438606	277066		200
E10_8	438787	277514	Binley Common Farm Wood potential LWS inc. Ancient Woodland	80
E10_9	438796	277509		90
E10_10	438805	277505		100
E10_11	438814	277501		110
E10_12	438823	277496		120
E10_13	438832	277492		130
E10_14	438842	277488		140
E10_15	438851	277483		150
E10_16	438860	277479		160
E10_17	438869	277475		170
E10_18	438878	277470		180
E10_19	438887	277466		190
E10_20	438891	277464		200
E11_4	438360	279055	Gainford Rise LWS	40

Receptor ¹	X	Y	Designation	Distance from road (m)
E11_5	438350	279054		50
E11_6	438340	279052		60
E11_7	438330	279050		70
E11_8	438320	279048		80
E11_9	438310	279046		90
E11_10	438301	279044		100
E11_11	438291	279043		110
E11_12	438281	279041		120
E11_13	438271	279039		130
E11_14	438261	279037		140
E11_15	438251	279035		150
E11_16	438242	279033		160
E11_17	438232	279032		170
E11_18	438222	279030		180
E11_19	438212	279028		190
E11_20	438208	279027		200
E12_1	437949	279540	Sowe Valley Dorchester Way LWS	10
E12_2	437959	279542		20
E12_3	437969	279543		30
E12_4	437979	279544		40
E12_5	437989	279546		50
E12_6	437999	279547		60
E12_7	438009	279549		70
E12_8	438019	279550		80
E12_9	438028	279552		90
E12_10	438038	279553		100
E12_11	438048	279555		110
E12_12	438058	279556		120
E12_13	438068	279558		130
E12_14	438078	279559		140
E12_15	438088	279561		150
E12_16	438098	279562		160
E12_17	438108	279564		170
E12_18	438118	279565		180
E12_19	438127	279567		190
E12_20	438137	279568		200

Receptor ¹	X	Y	Designation	Distance from road (m)
E12_21	438140	279568		210
E13_1	437755	280280	Sowe Valley Dorchester Way LWS	10
E13_2	437765	280282		20
E13_3	437774	280283		30
E13_4	437784	280285		40
E13_5	437794	280287		50
E13_6	437804	280289		60
E13_7	437814	280290		70
E13_8	437824	280292		80
E13_9	437834	280294		90
E13_10	437843	280296		100
E13_11	437853	280297		110
E13_12	437863	280299		120
E13_13	437873	280301		130
E13_14	437883	280303		140
E13_15	437893	280304		150
E13_16	437902	280306		160
E13_17	437912	280308		170
E13_18	437922	280310		180
E13_19	437932	280311		190
E13_20	437936	280312		200
E14_1	437733	280782	Sowe Valley: Wyken Croft to Antsy Road LWS	10
E14_2	437728	280791		20
E14_3	437724	280799		30
E14_4	437719	280808		40
E14_5	437714	280817		50
E14_6	437709	280826		60
E14_7	437705	280835		70
E14_8	437700	280843		80
E14_9	437695	280852		90
E14_10	437690	280861		100
E14_11	437686	280870		110
E14_12	437681	280879		120
E14_13	437676	280887		130
E14_14	437671	280896		140
E14_15	437667	280905		150

Receptor ¹	X	Y	Designation	Distance from road (m)
E14_16	437662	280914		160
E14_17	437657	280923		170
E14_18	437652	280931		180
E14_19	437648	280940		190
E14_20	437643	280949		200
E14_21	437640	280954		210
E20_3	443174	290946	Stretton Croft LWS	30
E20_4	443169	290955		40
E20_5	443163	290963		50
E20_6	443157	290971		60
E20_7	443151	290979		70
E20_8	443146	290987		80
E20_9	443140	290996		90
E20_10	443134	291004		100
E20_11	443129	291012		110
E20_12	443123	291020		120
E20_13	443117	291028		130
E20_14	443111	291037		140
E20_15	443106	291045		150
E20_16	443100	291053		160
E20_17	443094	291061		170
E20_18	443089	291070		180
E20_19	443083	291077		190
E4a_1	435886	275838	Baginton Fields LWS	10
E4a_2	435884	275848		20
E4a_3	435882	275857		30
E4a_4	435880	275867		40
E4a_5	435878	275877		50
E4a_6	435876	275887		60
E4a_7	435874	275897		70
E4a_8	435872	275906		80
E4a_9	435870	275916		90
E4a_10	435868	275926		100
E4a_11	435866	275936		110
E4a_12	435864	275946		120
E4a_13	435862	275955		130

Receptor ¹	X	Y	Designation	Distance from road (m)
E4a_14	435860	275965		140
E4a_15	435858	275975		150
E4a_16	435856	275985		160
E4a_17	435854	275993		170
E16_4	438327	279202	Gainford Rise LWS	40
E16_5	438317	279201		50
E16_6	438307	279199		60
E16_7	438297	279197		70
E16_8	438287	279195		80
E16_9	438278	279193		90
E16_10	438268	279192		100
E16_11	438258	279190		110
E16_12	438248	279188		120
E16_13	438238	279186		130
E16_14	438228	279185		140
E16_15	438218	279183		150
E16_16	438209	279181		160
E16_17	438199	279179		170
E16_18	438189	279178		180
E16_19	438179	279176		190
E16_20	438169	279174		200
E17_12	438279	279185	Gainford Rise LWS	120
E17_13	438278	279175		130
E17_14	438278	279165		140
E17_15	438277	279155		150
E17_16	438277	279145		160
E17_17	438276	279135		170
E17_18	438276	279134		180
E15_13	438158	279210	Gainford Rise LWS	130
E15_14	438154	279200		140
E15_15	438151	279191		150
E15_16	438151	279189		160
E19_3	438443	279096	Coombe Pool SSSI	30
E19_4	438453	279099		40
E19_5	438462	279102		50
E19_6	438472	279104		60

Receptor ¹	X	Y	Designation	Distance from road (m)
E19_7	438481	279107		70
E19_8	438491	279110		80
E19_9	438501	279113		90
E19_10	438510	279115		100
E19_11	438520	279118		110
E19_12	438530	279121		120
E19_13	438539	279124		130
E19_14	438549	279126		140
E19_15	438558	279129		150
E19_16	438568	279132		160
E19_17	438578	279134		170
E19_18	438587	279137		180
E19_19	438597	279140		190
E19_20	438607	279143		200
E19_21	438607	279143		210
E23_5	438520	279360	Coombe Pool SSSI	50
E23_6	438527	279353		60
E23_7	438533	279345		70
E23_8	438540	279338		80
E23_9	438547	279330		90
E23_10	438553	279323		100
E23_11	438560	279315		110
E23_12	438566	279308		120
E23_13	438573	279300		130
E23_14	438580	279293		140
E23_15	438586	279285		150
E23_16	438593	279278		160
E23_17	438599	279270		170
E23_18	438606	279263		180
E23_19	438613	279255		190
E23_20	438617	279251		200
E22_2	438445	279309	Coombe Pool SSSI	20
E22_3	438454	279306		30
E22_4	438463	279302		40
E22_5	438473	279298		50
E22_6	438482	279295		60

Receptor ¹	X	Y	Designation	Distance from road (m)
E22_7	438491	279291		70
E22_8	438500	279287		80
E22_9	438510	279284		90
E22_10	438519	279280		100
E22_11	438528	279276		110
E22_12	438538	279273		120
E22_13	438547	279269		130
E22_14	438556	279265		140
E22_15	438565	279261		150
E22_16	438575	279258		160
E22_17	438584	279254		170
E22_18	438593	279250		180
E22_19	438603	279247		190
E22_20	438612	279243		200
E22_21	438612	279243		210
E21_3	438434	279242	Coombe Pool SSSI	30
E21_4	438444	279241		40
E21_5	438454	279240		50
E21_6	438464	279240		60
E21_7	438474	279239		70
E21_8	438484	279238		80
E21_9	438494	279238		90
E21_10	438504	279237		100
E21_11	438514	279236		110
E21_12	438524	279235		120
E21_13	438534	279235		130
E21_14	438544	279234		140
E21_15	438554	279233		150
E21_16	438564	279233		160
E21_17	438574	279232		170
E21_18	438584	279231		180
E21_19	438594	279230		190
E21_20	438604	279230		200
E21_21	438606	279229		210
E6_1	437735	280392	Sowe Valley Dorchester Way LWS	10
E6_2	437745	280393		20

Receptor ¹	X	Y	Designation	Distance from road (m)
E6_3	437755	280395		30
E6_4	437765	280396		40
E6_5	437775	280398		50
E6_6	437785	280400		60
E6_7	437794	280401		70
E6_8	437804	280403		80
E6_9	437814	280404		90
E6_10	437824	280406		100
E6_11	437832	280407		110
E18_1	437266	276233	Willenhall Wood LNR - inc. Ancient Woodland	10
E18_2	437262	276243		20
E18_3	437259	276252		30
E18_4	437255	276261		40
E18_5	437251	276271		50
E18_6	437247	276280		60
E18_7	437244	276289		70
E18_8	437240	276298		80
E18_9	437236	276308		90
E18_10	437232	276317		100
E18_11	437229	276326		110
E18_12	437225	276335		120
E18_13	437221	276345		130
E18_14	437217	276354		140
E18_15	437214	276363		150
E18_16	437210	276372		160
E18_17	437206	276382		170
E18_18	437202	276391		180
E18_19	437199	276400		190
E18_20	437195	276410		200
E18_21	437195	276410		210
E4b_2	435143	275609	Stonebridge Meadows LNR	20
E4b_3	435143	275619		30
E4b_4	435143	275629		40
E4b_5	435143	275639		50
E4b_6	435143	275649		60
E4b_7	435143	275659		70

Receptor ¹	X	Y	Designation	Distance from road (m)
E4b_8	435143	275669		80
E4b_9	435142	275679		90
E4b_10	435142	275689		100
E4b_11	435142	275699		110
E4b_12	435142	275709		120
E4b_13	435142	275719		130
E4b_14	435142	275729		140
E4b_15	435142	275739		150
E4b_16	435142	275749		160
E4b_17	435141	275759		170
E4b_18	435141	275769		180
E4b_19	435141	275779		190
E4b_20	435141	275789		200
E4b_21	435141	275792		210
SP3833576796	438335	276796	Veteran Tree	184
SP3868977180	438689	277180	Veteran Tree	186
SP3790979680	437909	279680	Veteran Tree	12
SP3847279609	438472	279609	Veteran Tree	71
¹ Receptor ID nomenclature: 'En' references the ecological transect specific to a designated site; "_n" provides an indicator of the specific transect receptor distance from the designation boundary (e.g. 'E1_1' represents ecological transect number one (Lower Sowe Meadows LWS) and the specific receptor on that transect at 0m from the designation boundary. 'E1_2' represents the same designated site with the receptor at 10m within the designation boundary.				

Table 1.4 Modelled annual mean NO_x results for all scenarios – ecological receptors

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E1_1	434428	275670	Lower Sowe Meadows LWS	59.2	25.6	25.8	+0.1
E1_2	434431	275680		53.2	23.7	23.8	+0.1
E1_3	434434	275689		49.5	22.5	22.6	+0.1
E1_4	434437	275699		46.4	21.5	21.4	-0.1
E1_5	434440	275708		44.2	20.8	20.7	-0.1
E1_6	434444	275718		42.2	20.2	20.1	-0.1
E1_7	434447	275727		40.8	19.8	19.7	-0.1
E1_8	434450	275737		39.5	19.4	19.3	-0.1

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E1_9	434453	275746		38.4	19.1	19.0	-0.1
E1_10	434456	275756		37.4	18.8	18.7	-0.1
E1_11	434459	275765		36.7	18.6	18.4	-0.1
E1_12	434462	275775		35.9	18.3	18.2	-0.1
E1_13	434465	275784		35.3	18.2	18.0	-0.1
E1_14	434468	275794		34.7	18.0	17.9	-0.1
E1_15	434472	275803		34.2	17.8	17.7	-0.1
E1_16	434475	275813		33.7	17.7	17.6	-0.1
E1_17	434478	275822		33.3	17.6	17.5	-0.1
E1_18	434481	275832		32.9	17.5	17.3	-0.1
E1_19	434484	275841		32.5	17.4	17.2	-0.1
E1_20	434487	275851		32.2	17.3	17.1	-0.1
E1_21	434490	275860		31.9	17.2	17.1	-0.1
E1_22	434493	275870		31.6	17.1	17.0	-0.1
E1_23	434495	275875		31.5	17.0	16.9	-0.1
E2_2	434693	275631	Stonebridge Meadows LNR	73.6	29.0	29.1	+0.1
E2_3	434694	275640		62.8	25.8	25.9	+0.1
E2_4	434696	275650		55.3	23.6	23.7	+0.1
E2_5	434697	275660		50.3	22.1	22.2	+0.1
E2_6	434698	275670		46.7	21.1	21.1	+0.1
E2_7	434700	275680		43.9	20.3	20.3	+0.1
E2_8	434701	275690		41.7	19.6	19.5	-0.1
E2_9	434702	275700		40.0	19.1	19.0	-0.1
E2_10	434704	275710		38.5	18.7	18.6	-0.1
E2_11	434705	275720		37.2	18.3	18.2	-0.1
E2_12	434706	275730		36.2	18.0	17.9	-0.1
E2_13	434708	275740		35.3	17.8	17.7	-0.1
E2_14	434709	275749		34.5	17.6	17.5	-0.1
E2_15	434710	275759		33.8	17.4	17.2	-0.1
E2_16	434712	275769		33.1	17.2	17.1	-0.1
E2_17	434713	275779		32.6	17.0	16.9	-0.1
E2_18	434715	275789		32.0	16.9	16.8	-0.1
E2_19	434715	275790		32.0	16.9	16.7	-0.1
E3_1	435272	275626		64.3	28.2	28.3	+0.1

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E3_2	435272	275636	Lower Sowe Meadows LWS	56.1	25.4	25.4	<0.1
E3_3	435272	275646		50.8	23.7	23.7	<0.1
E3_4	435272	275656		47.0	22.5	22.5	<0.1
E3_5	435272	275666		44.1	21.6	21.5	<0.1
E3_6	435272	275676		41.9	20.9	20.8	<0.1
E3_7	435272	275686		40.1	20.3	20.3	<0.1
E3_8	435272	275696		38.6	19.9	19.7	-0.1
E3_9	435272	275706		37.4	19.5	19.3	-0.1
E3_10	435272	275716		36.4	19.1	19.0	-0.1
E3_11	435273	275726		35.5	18.8	18.7	-0.1
E3_12	435273	275736		34.7	18.6	18.4	-0.1
E3_13	435273	275746		34.0	18.3	18.2	-0.1
E3_14	435273	275756		33.3	18.1	18.0	-0.1
E3_15	435273	275766		32.8	17.9	17.8	-0.1
E3_16	435273	275776		32.3	17.8	17.6	-0.1
E3_17	435273	275786		31.8	17.6	17.5	-0.1
E3_18	435273	275796		31.4	17.5	17.4	-0.1
E3_19	435273	275806		31.0	17.4	17.2	-0.1
E3_20	435273	275816		30.6	17.3	17.1	-0.1
E3_21	435273	275822		30.4	17.2	17.0	-0.1
E5_2	437042	276162	Willenhall Wood LNR - inc. Ancient Woodland	58.3	25.7	26.0	+0.3
E5_3	437037	276170		50.4	23.0	23.2	+0.2
E5_4	437031	276179		44.8	21.1	21.3	+0.1
E5_5	437025	276187		41.3	19.9	20.0	+0.1
E5_6	437019	276195		38.7	19.1	19.1	+0.1
E5_7	437014	276203		36.8	18.4	18.4	<0.1
E5_8	437008	276211		35.1	17.9	17.9	<0.1
E5_9	437002	276220		33.7	17.4	17.4	<0.1
E5_10	436997	276228		35.3	18.8	18.7	<0.1
E5_11	436991	276236		34.3	18.5	18.4	-0.1
E5_12	436985	276244		33.5	18.2	18.1	-0.1
E5_13	436979	276252		32.8	17.9	17.8	-0.1
E5_14	436974	276261		32.1	17.7	17.6	-0.1
E5_15	436968	276269		31.5	17.5	17.4	-0.1

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E5_16	436962	276277		31.0	17.3	17.2	-0.1
E5_17	436957	276285		30.6	17.2	17.1	-0.1
E5_18	436951	276293		30.2	17.1	16.9	-0.1
E5_19	436945	276302		29.8	16.9	16.8	-0.1
E5_20	436941	276308		29.5	16.8	16.7	-0.2
E7_1	438119	276879	Herald Way Marsh SSSI	73.3	28.8	29.2	+0.4
E7_2	438112	276886		55.4	23.9	24.2	+0.3
E7_3	438105	276892		47.2	21.5	21.7	+0.2
E7_4	438097	276899		41.5	19.8	20.0	+0.2
E7_5	438090	276906		37.9	18.7	18.8	+0.2
E7_6	438082	276913		35.2	17.8	17.9	+0.1
E7_7	438075	276919		33.4	17.2	17.3	+0.1
E7_8	438067	276926		31.7	16.7	16.8	+0.1
E7_9	438060	276933		30.3	16.3	16.3	+0.1
E7_10	438053	276939		29.3	15.9	16.0	+0.1
E7_11	438045	276946		28.4	15.6	15.7	+0.1
E7_12	438038	276953		27.6	15.4	15.4	+0.1
E7_13	438030	276959		26.9	15.1	15.2	<0.1
E7_14	438023	276966		26.3	14.9	15.0	<0.1
E7_15	438016	276973		25.8	14.8	14.8	<0.1
E7_16	438008	276980		25.3	14.6	14.6	<0.1
E7_17	438001	276986		24.9	14.5	14.5	<0.1
E7_18	437993	276993		25.3	14.8	14.8	<0.1
E7_19	437986	277000		27.4	16.3	16.3	<0.1
E7_20	437982	277003		27.2	16.3	16.3	<0.1
E9_2	438462	277165	Piles Coppice LWS inc. Ancient Woodland	53.2	25.0	25.2	+0.3
E9_3	438471	277159		45.7	22.8	22.9	+0.2
E9_4	438479	277154		41.7	21.5	21.7	+0.1
E9_5	438487	277148		38.7	20.6	20.7	+0.1
E9_6	438495	277142		36.5	19.9	20.0	+0.1
E9_7	438504	277137		34.7	19.4	19.5	+0.1
E9_8	438512	277131		33.4	19.0	19.0	+0.1
E9_9	438520	277125		32.2	18.6	18.7	<0.1
E9_10	438528	277120		31.4	18.3	18.4	<0.1

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E9_11	438537	277114		30.5	18.1	18.1	<0.1
E9_12	438545	277108		29.8	17.8	17.9	<0.1
E9_13	438553	277103		29.3	17.7	17.7	<0.1
E9_14	438561	277097		28.7	17.5	17.5	<0.1
E9_15	438569	277091		28.3	17.3	17.3	<0.1
E9_16	438578	277086		27.9	17.2	17.2	<0.1
E9_17	438586	277080		27.5	17.1	17.1	<0.1
E9_18	438594	277074		27.2	17.0	17.0	<0.1
E9_19	438602	277069		26.9	16.9	16.9	<0.1
E9_20	438606	277066		26.7	16.8	16.8	<0.1
E10_8	438787	277514	Binley Common Farm Wood potential LWS inc. Ancient Woodland	36.6	19.4	19.7	+0.2
E10_9	438796	277509		35.2	19.0	19.2	+0.2
E10_10	438805	277505		34.1	18.7	18.9	+0.2
E10_11	438814	277501		33.1	18.4	18.6	+0.2
E10_12	438823	277496		32.3	18.2	18.3	+0.2
E10_13	438832	277492		31.6	17.9	18.1	+0.2
E10_14	438842	277488		30.9	17.8	17.9	+0.2
E10_15	438851	277483		30.3	17.6	17.7	+0.2
E10_16	438860	277479		29.8	17.4	17.6	+0.2
E10_17	438869	277475		29.4	17.3	17.5	+0.2
E10_18	438878	277470		28.9	17.2	17.3	+0.2
E10_19	438887	277466		28.6	17.1	17.2	+0.1
E10_20	438891	277464		28.4	17.0	17.2	+0.1
E11_4	438360	279055	Gainford Rise LWS	35.6	17.6	17.7	+0.1
E11_5	438350	279054		33.1	16.9	17.0	+0.1
E11_6	438340	279052		31.3	16.4	16.4	<0.1
E11_7	438330	279050		29.8	16.0	16.0	<0.1
E11_8	438320	279048		28.7	15.7	15.6	<0.1
E11_9	438310	279046		27.8	15.4	15.4	<0.1
E11_10	438301	279044		27.1	15.2	15.2	<0.1
E11_11	438291	279043		26.5	15.0	15.0	<0.1
E11_12	438281	279041		26.0	14.9	14.8	<0.1
E11_13	438271	279039		25.5	14.7	14.7	-0.1
E11_14	438261	279037		25.1	14.6	14.5	-0.1

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E11_15	438251	279035		24.7	14.5	14.4	-0.1
E11_16	438242	279033		24.4	14.4	14.4	-0.1
E11_17	438232	279032		24.2	14.3	14.3	-0.1
E11_18	438222	279030		23.9	14.3	14.2	-0.1
E11_19	438212	279028		23.7	14.2	14.1	-0.1
E11_20	438208	279027		23.6	14.2	14.1	-0.1
E12_1	437949	279540	Sowe Valley Dorchester Way LWS	49.6	24.7	23.0	-1.7
E12_2	437959	279542		40.7	21.4	20.1	-1.3
E12_3	437969	279543		36.6	19.9	18.8	-1.1
E12_4	437979	279544		34.1	19.0	17.9	-1.0
E12_5	437989	279546		32.5	18.4	17.4	-1.0
E12_6	437999	279547		31.4	18.0	17.0	-0.9
E12_7	438009	279549		27.5	15.6	14.7	-0.9
E12_8	438019	279550		26.9	15.3	14.4	-0.9
E12_9	438028	279552		26.4	15.2	14.2	-0.9
E12_10	438038	279553		26.0	15.0	14.1	-0.9
E12_11	438048	279555		25.7	14.9	13.9	-0.9
E12_12	438058	279556		25.4	14.7	13.8	-0.9
E12_13	438068	279558		25.2	14.7	14.3	-0.4
E12_14	438078	279559		25.0	14.6	14.2	-0.4
E12_15	438088	279561		24.9	14.5	14.2	-0.4
E12_16	438098	279562		24.7	14.5	14.1	-0.3
E12_17	438108	279564		24.6	14.4	14.1	-0.3
E12_18	438118	279565		24.6	14.4	14.0	-0.3
E12_19	438127	279567		24.5	14.4	14.0	-0.3
E12_20	438137	279568		24.5	14.3	14.0	-0.3
E12_21	438140	279568		24.5	14.3	14.0	-0.3
E13_1	437755	280280	Sowe Valley Dorchester Way LWS	44.9	24.3	23.4	-0.9
E13_2	437765	280282		39.0	22.1	21.4	-0.7
E13_3	437774	280283		36.3	21.2	20.6	-0.6
E13_4	437784	280285		34.5	20.5	19.9	-0.6
E13_5	437794	280287		33.3	20.1	19.5	-0.5
E13_6	437804	280289		32.5	19.7	19.2	-0.5
E13_7	437814	280290		31.8	19.5	19.0	-0.5

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E13_8	437824	280292		31.3	19.3	18.9	-0.5
E13_9	437834	280294		30.9	19.2	18.7	-0.4
E13_10	437843	280296		30.6	19.0	18.6	-0.4
E13_11	437853	280297		30.3	18.9	18.5	-0.4
E13_12	437863	280299		30.0	18.8	18.4	-0.4
E13_13	437873	280301		29.8	18.8	18.3	-0.4
E13_14	437883	280303		29.6	18.7	18.3	-0.4
E13_15	437893	280304		29.5	18.6	18.2	-0.4
E13_16	437902	280306		29.3	18.6	18.2	-0.4
E13_17	437912	280308		29.2	18.5	18.1	-0.4
E13_18	437922	280310		29.0	18.5	18.1	-0.4
E13_19	437932	280311		28.9	18.4	18.0	-0.4
E13_20	437936	280312		28.9	18.4	18.0	-0.4
E14_1	437733	280782	Sowe Valley: Wyken Croft to Antsy Road LWS	55.5	28.8	28.0	-0.8
E14_2	437728	280791		45.9	25.1	24.5	-0.6
E14_3	437724	280799		41.6	23.4	22.9	-0.5
E14_4	437719	280808		38.5	22.2	21.8	-0.5
E14_5	437714	280817		36.4	21.4	21.0	-0.4
E14_6	437709	280826		34.8	20.8	20.4	-0.4
E14_7	437705	280835		33.7	20.4	20.0	-0.4
E14_8	437700	280843		32.8	20.0	19.7	-0.4
E14_9	437695	280852		32.0	19.7	19.4	-0.3
E14_10	437690	280861		31.4	19.5	19.2	-0.3
E14_11	437686	280870		30.9	19.3	19.0	-0.3
E14_12	437681	280879		30.4	19.1	18.8	-0.3
E14_13	437676	280887		30.0	19.0	18.7	-0.3
E14_14	437671	280896		29.6	18.8	18.5	-0.3
E14_15	437667	280905		29.3	18.7	18.4	-0.3
E14_16	437662	280914		29.0	18.6	18.3	-0.3
E14_17	437657	280923		28.8	18.5	18.2	-0.3
E14_18	437652	280931		28.6	18.4	18.1	-0.3
E14_19	437648	280940		28.4	18.3	18.1	-0.2
E14_20	437643	280949		28.2	18.2	18.0	-0.2
E14_21	437640	280954		28.0	18.2	18.0	-0.2

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E20_3	443174	290946	Stretton Croft LWS	57.8	25.4	25.6	+0.2
E20_4	443169	290955		52.7	23.5	23.7	+0.2
E20_5	443163	290963		49.0	22.3	22.4	+0.1
E20_6	443157	290971		46.2	21.3	21.4	+0.1
E20_7	443151	290979		43.8	20.5	20.6	+0.1
E20_8	443146	290987		42.0	19.8	20.0	+0.1
E20_9	443140	290996		40.3	19.2	19.3	+0.1
E20_10	443134	291004		38.8	18.7	18.8	+0.1
E20_11	443129	291012		37.7	18.3	18.4	+0.1
E20_12	443123	291020		36.6	18.0	18.0	+0.1
E20_13	443117	291028		35.7	17.6	17.7	+0.1
E20_14	443111	291037		34.8	17.3	17.4	+0.1
E20_15	443106	291045		34.1	17.1	17.2	+0.1
E20_16	443100	291053		33.4	16.9	16.9	+0.1
E20_17	443094	291061		32.8	16.7	16.7	+0.1
E20_18	443089	291070		32.3	16.5	16.5	+0.1
E20_19	443083	291077		31.8	16.3	16.4	+0.1
E4a_1	435886	275838	Baginton Fields LWS	80.0	31.4	31.6	+0.2
E4a_2	435884	275848		64.3	26.7	26.8	+0.1
E4a_3	435882	275857		56.3	24.3	24.4	+0.1
E4a_4	435880	275867		50.5	22.6	22.7	+0.1
E4a_5	435878	275877		46.5	21.4	21.5	+0.1
E4a_6	435876	275887		43.5	20.5	20.6	+0.1
E4a_7	435874	275897		41.2	19.9	19.9	+0.1
E4a_8	435872	275906		39.5	19.4	19.4	<0.1
E4a_9	435870	275916		38.0	18.9	19.0	<0.1
E4a_10	435868	275926		36.7	18.5	18.6	<0.1
E4a_11	435866	275936		35.6	18.2	18.3	<0.1
E4a_12	435864	275946		34.7	17.9	18.0	<0.1
E4a_13	435862	275955		33.9	17.7	17.8	<0.1
E4a_14	435860	275965		33.2	17.5	17.5	<0.1
E4a_15	435858	275975		32.6	17.3	17.3	<0.1
E4a_16	435856	275985		32.0	17.2	17.2	<0.1
E4a_17	435854	275993		31.6	17.0	17.0	<0.1

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E16_4	438327	279202	Gainford Rise LWS	38.6	18.8	17.4	-1.4
E16_5	438317	279201		35.7	18.0	16.8	-1.2
E16_6	438307	279199		33.6	17.3	16.3	-1.0
E16_7	438297	279197		31.9	16.8	15.9	-0.9
E16_8	438287	279195		30.6	16.4	15.6	-0.8
E16_9	438278	279193		29.5	16.1	15.4	-0.7
E16_10	438268	279192		28.6	15.8	15.2	-0.6
E16_11	438258	279190		27.9	15.5	15.0	-0.5
E16_12	438248	279188		27.2	15.3	14.8	-0.5
E16_13	438238	279186		26.6	15.1	14.7	-0.4
E16_14	438228	279185		26.1	15.0	14.6	-0.4
E16_15	438218	279183		25.7	14.8	14.5	-0.4
E16_16	438209	279181		25.3	14.7	14.4	-0.3
E16_17	438199	279179		25.0	14.6	14.3	-0.3
E16_18	438189	279178		24.7	14.5	14.2	-0.3
E16_19	438179	279176		24.4	14.5	14.2	-0.3
E16_20	438169	279174		24.2	14.4	14.1	-0.2
E17_12	438279	279185	Gainford Rise LWS	29.4	16.0	15.4	-0.6
E17_13	438278	279175		29.0	15.9	15.3	-0.5
E17_14	438278	279165		28.7	15.7	15.3	-0.5
E17_15	438277	279155		28.3	15.6	15.2	-0.4
E17_16	438277	279145		28.0	15.5	15.2	-0.3
E17_17	438276	279135		27.7	15.4	15.1	-0.3
E17_18	438276	279134		27.7	15.4	15.1	-0.3
E15_13	438158	279210	Gainford Rise LWS	24.3	14.4	14.1	-0.3
E15_14	438154	279200		24.1	14.4	14.1	-0.3
E15_15	438151	279191		24.0	14.3	14.1	-0.2
E15_16	438151	279189		24.0	14.3	14.1	-0.2
E19_3	438443	279096	Coombe Pool SSSI	54.1	22.3	22.6	+0.3
E19_4	438453	279099		47.8	20.7	21.0	+0.2
E19_5	438462	279102		44.0	19.8	20.0	+0.2
E19_6	438472	279104		40.9	19.0	19.1	+0.2
E19_7	438481	279107		38.8	18.4	18.5	+0.2
E19_8	438491	279110		36.8	17.9	18.0	+0.1

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E19_9	438501	279113		35.3	17.4	17.6	+0.1
E19_10	438510	279115		34.1	17.1	17.2	+0.1
E19_11	438520	279118		33.0	16.8	16.9	+0.1
E19_12	438530	279121		32.0	16.6	16.7	+0.1
E19_13	438539	279124		31.3	16.3	16.4	+0.1
E19_14	438549	279126		30.6	16.1	16.2	+0.1
E19_15	438558	279129		30.0	16.0	16.1	+0.1
E19_16	438568	279132		29.4	15.8	15.9	+0.1
E19_17	438578	279134		28.9	15.7	15.7	+0.1
E19_18	438587	279137		28.4	15.5	15.6	+0.1
E19_19	438597	279140		28.0	15.4	15.5	+0.1
E19_20	438607	279143		27.6	15.3	15.4	+0.1
E19_21	438607	279143		27.6	15.3	15.4	+0.1
E23_5	438520	279360	Coombe Pool SSSI	38.2	18.8	18.3	-0.5
E23_6	438527	279353		36.1	18.1	17.8	-0.4
E23_7	438533	279345		34.5	17.6	17.3	-0.3
E23_8	438540	279338		33.1	17.1	17.0	-0.2
E23_9	438547	279330		32.0	16.8	16.6	-0.1
E23_10	438553	279323		31.2	16.5	16.4	-0.1
E23_11	438560	279315		30.4	16.2	16.2	<0.1
E23_12	438566	279308		29.8	16.0	16.0	<0.1
E23_13	438573	279300		29.2	15.8	15.8	<0.1
E23_14	438580	279293		28.7	15.7	15.7	<0.1
E23_15	438586	279285		28.3	15.6	15.6	<0.1
E23_16	438593	279278		28.0	15.4	15.5	<0.1
E23_17	438599	279270		27.7	15.3	15.4	<0.1
E23_18	438606	279263		27.4	15.2	15.3	<0.1
E23_19	438613	279255		27.1	15.2	15.2	<0.1
E23_20	438617	279251		26.9	15.1	15.2	<0.1
E22_2	438445	279309	Coombe Pool SSSI	51.0	23.1	23.4	+0.3
E22_3	438454	279306		46.1	21.4	21.4	<0.1
E22_4	438463	279302		42.5	20.1	20.1	<0.1
E22_5	438473	279298		39.6	19.1	19.1	<0.1
E22_6	438482	279295		37.6	18.5	18.5	<0.1

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E22_7	438491	279291		35.9	18.0	17.9	<0.1
E22_8	438500	279287		34.6	17.5	17.5	<0.1
E22_9	438510	279284		33.4	17.1	17.1	<0.1
E22_10	438519	279280		32.4	16.8	16.8	<0.1
E22_11	438528	279276		31.6	16.5	16.6	<0.1
E22_12	438538	279273		30.8	16.3	16.3	<0.1
E22_13	438547	279269		30.1	16.1	16.1	<0.1
E22_14	438556	279265		29.6	15.9	16.0	<0.1
E22_15	438565	279261		29.1	15.8	15.8	<0.1
E22_16	438575	279258		28.6	15.6	15.6	<0.1
E22_17	438584	279254		28.1	15.5	15.5	<0.1
E22_18	438593	279250		27.8	15.4	15.4	<0.1
E22_19	438603	279247		27.4	15.2	15.3	<0.1
E22_20	438612	279243		27.1	15.1	15.2	<0.1
E22_21	438612	279243		27.1	15.1	15.2	<0.1
E21_3	438434	279242	Coombe Pool SSSI	46.3	20.7	21.8	+1.0
E21_4	438444	279241		42.9	19.8	20.4	+0.6
E21_5	438454	279240		40.3	19.0	19.4	+0.4
E21_6	438464	279240		38.3	18.5	18.7	+0.3
E21_7	438474	279239		36.6	18.0	18.2	+0.2
E21_8	438484	279238		35.2	17.6	17.7	+0.1
E21_9	438494	279238		34.1	17.2	17.3	+0.1
E21_10	438504	279237		33.0	16.9	17.0	+0.1
E21_11	438514	279236		32.1	16.7	16.7	+0.1
E21_12	438524	279235		31.4	16.4	16.5	+0.1
E21_13	438534	279235		30.7	16.2	16.3	+0.1
E21_14	438544	279234		30.0	16.0	16.1	+0.1
E21_15	438554	279233		29.5	15.9	15.9	+0.1
E21_16	438564	279233		29.0	15.7	15.8	+0.1
E21_17	438574	279232		28.5	15.6	15.6	+0.1
E21_18	438584	279231		28.1	15.4	15.5	+0.1
E21_19	438594	279230		27.7	15.3	15.4	+0.1
E21_20	438604	279230		27.3	15.2	15.3	+0.1
E21_21	438606	279229		27.3	15.2	15.3	+0.1

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E6_1	437735	280392	Sowe Valley Dorchester Way	45.2	24.5	23.6	-0.8
E6_2	437745	280393		39.9	22.5	21.9	-0.7
E6_3	437755	280395		37.2	21.5	20.9	-0.6
E6_4	437765	280396		35.4	20.9	20.3	-0.5
E6_5	437775	280398		34.2	20.4	19.9	-0.5
E6_6	437785	280400		33.2	20.1	19.6	-0.5
E6_7	437794	280401		32.6	19.8	19.4	-0.4
E6_8	437804	280403		31.9	19.6	19.1	-0.4
E6_9	437814	280404		31.4	19.4	19.0	-0.4
E6_10	437824	280406		30.9	19.2	18.8	-0.4
E6_11	437832	280407		30.6	19.1	18.7	-0.4
E18_1	437266	276233	Willenhall Wood LNR - inc. Ancient Woodland	75.5	31.9	32.2	+0.3
E18_2	437262	276243		58.4	26.0	26.2	+0.2
E18_3	437259	276252		50.5	23.3	23.4	+0.1
E18_4	437255	276261		45.4	21.5	21.6	+0.1
E18_5	437251	276271		41.6	20.2	20.3	<0.1
E18_6	437247	276280		39.0	19.3	19.4	<0.1
E18_7	437244	276289		37.1	18.7	18.7	<0.1
E18_8	437240	276298		35.4	18.1	18.1	<0.1
E18_9	437236	276308		34.0	17.6	17.6	<0.1
E18_10	437232	276317		32.9	17.2	17.2	<0.1
E18_11	437229	276326		32.0	16.9	16.9	-0.1
E18_12	437225	276335		31.1	16.6	16.6	-0.1
E18_13	437221	276345		30.3	16.3	16.3	-0.1
E18_14	437217	276354		29.7	16.1	16.0	-0.1
E18_15	437214	276363		29.1	15.9	15.8	-0.1
E18_16	437210	276372		28.6	15.8	15.7	-0.1
E18_17	437206	276382		28.1	15.6	15.5	-0.1
E18_18	437202	276391		27.7	15.4	15.3	-0.1
E18_19	437199	276400		27.3	15.3	15.2	-0.1
E18_20	437195	276410		26.9	15.2	15.1	-0.1
E18_21	437195	276410		26.9	15.2	15.1	-0.1
E4b_2	435143	275609	Stonebridge Meadows LNR	66.7	27.4	27.4	<0.1
E4b_3	435143	275619		57.7	24.8	24.8	<0.1

Receptor ¹	X	Y	Designation	Annual mean NO _x (µg/m ³)			
				Base 2018	DM 2028	DS 2028	DS - DM
E4b_4	435143	275629		51.9	23.1	23.1	<0.1
E4b_5	435143	275639		47.8	22.0	21.9	-0.1
E4b_6	435143	275649		44.8	21.1	21.0	-0.1
E4b_7	435143	275659		42.5	20.4	20.3	-0.1
E4b_8	435143	275669		40.6	19.8	19.8	-0.1
E4b_9	435142	275679		39.1	19.4	19.3	-0.1
E4b_10	435142	275689		37.8	19.0	18.9	-0.1
E4b_11	435142	275699		36.7	18.7	18.5	-0.2
E4b_12	435142	275709		35.8	18.4	18.2	-0.2
E4b_13	435142	275719		35.0	18.1	18.0	-0.2
E4b_14	435142	275729		34.2	17.9	17.8	-0.2
E4b_15	435142	275739		33.6	17.7	17.6	-0.2
E4b_16	435142	275749		33.0	17.6	17.4	-0.2
E4b_17	435141	275759		32.5	17.4	17.2	-0.2
E4b_18	435141	275769		32.0	17.3	17.1	-0.2
E4b_19	435141	275779		31.6	17.1	16.9	-0.2
E4b_20	435141	275789		31.2	17.0	16.8	-0.2
E4b_21	435141	275792		31.1	17.0	16.8	-0.2
SP3833576796	438335	276796	Veteran Tree	22.7	13.6	13.6	<0.1
SP3868977180	438689	277180	Veteran Tree	27.3	17.0	16.9	<0.1
SP3790979680	437909	279680	Veteran Tree	46.7	23.7	22.2	-1.5
SP3847279609	438472	279609	Veteran Tree	30.1	16.0	16.5	+0.5
Bold donates a change greater than 1% (+/-0.3 µg/m³) of the critical level (30 µg/m³) ¹Receptor ID nomenclature: 'En' references the ecological transect specific to a designated site; "_n" provides an indicator of the specific transect receptor distance from the designation boundary (e.g. 'E1_1' represents ecological transect number one (Lower Sowe Meadows LWS) and the specific receptor on that transect at 0m from the designation boundary. 'E1_2' represents the same designated site with the receptor at 10m within the designation boundary.							

Table 1.5 Modelled annual mean NH₃ results for all scenarios – ecological receptors

Receptor ¹	X	Y	Designation	Annual mean NH ₃ (µg/m ³)				DS-DM as % of critical level
				Base 2018	DM 2028	DS 2028	DS - DM	
E1_1	434428	275670	Lower Sowe Meadows LWS	2.9	2.6	2.6	<0.1	+0.26%
E1_2	434431	275680		2.7	2.5	2.5	<0.1	+0.22%
E1_3	434434	275689		2.6	2.4	2.4	<0.1	+0.20%
E1_4	434437	275699		2.5	2.4	2.4	<0.1	-0.13%
E1_5	434440	275708		2.5	2.3	2.3	<0.1	-0.15%
E1_6	434444	275718		2.4	2.3	2.3	<0.1	-0.16%
E1_7	434447	275727		2.4	2.3	2.3	<0.1	-0.16%
E1_8	434450	275737		2.4	2.3	2.3	<0.1	-0.17%
E1_9	434453	275746		2.3	2.2	2.2	<0.1	-0.18%
E1_10	434456	275756		2.3	2.2	2.2	<0.1	-0.18%
E1_11	434459	275765		2.3	2.2	2.2	<0.1	-0.19%
E1_12	434462	275775		2.3	2.2	2.2	<0.1	-0.19%
E1_13	434465	275784		2.3	2.2	2.2	<0.1	-0.19%
E1_14	434468	275794		2.3	2.2	2.2	<0.1	-0.19%
E1_15	434472	275803		2.2	2.2	2.2	<0.1	-0.19%
E1_16	434475	275813		2.2	2.2	2.2	<0.1	-0.20%
E1_17	434478	275822		2.2	2.2	2.2	<0.1	-0.20%
E1_18	434481	275832		2.2	2.1	2.1	<0.1	-0.20%
E1_19	434484	275841		2.2	2.1	2.1	<0.1	-0.20%
E1_20	434487	275851		2.2	2.1	2.1	<0.1	-0.20%
E1_21	434490	275860		2.2	2.1	2.1	<0.1	-0.20%
E1_22	434493	275870		2.2	2.1	2.1	<0.1	-0.20%
E1_23	434495	275875		2.2	2.1	2.1	<0.1	-0.20%
E2_2	434693	275631	Stonebridge Meadows LNR	3.4	2.8	2.8	<0.1	+0.21%
E2_3	434694	275640		3.1	2.6	2.6	<0.1	+0.18%
E2_4	434696	275650		2.9	2.5	2.5	<0.1	+0.15%
E2_5	434697	275660		2.7	2.4	2.4	<0.1	+0.14%
E2_6	434698	275670		2.6	2.4	2.4	<0.1	+0.12%
E2_7	434700	275680		2.5	2.3	2.3	<0.1	+0.11%
E2_8	434701	275690		2.5	2.3	2.3	<0.1	-0.16%
E2_9	434702	275700		2.4	2.2	2.2	<0.1	-0.17%
E2_10	434704	275710		2.4	2.2	2.2	<0.1	-0.17%
E2_11	434705	275720		2.4	2.2	2.2	<0.1	-0.18%
E2_12	434706	275730		2.3	2.2	2.2	<0.1	-0.18%

Receptor ¹	X	Y	Designation	Annual mean NH ₃ (µg/m ³)				DS-DM as % of critical level
				Base 2018	DM 2028	DS 2028	DS - DM	
E2_13	434708	275740		2.3	2.2	2.2	<0.1	-0.18%
E2_14	434709	275749		2.3	2.2	2.2	<0.1	-0.19%
E2_15	434710	275759		2.3	2.1	2.1	<0.1	-0.19%
E2_16	434712	275769		2.2	2.1	2.1	<0.1	-0.19%
E2_17	434713	275779		2.2	2.1	2.1	<0.1	-0.19%
E2_18	434715	275789		2.2	2.1	2.1	<0.1	-0.19%
E2_19	434715	275790		2.2	2.1	2.1	<0.1	-0.19%
E3_1	435272	275626	Lower Sowe Meadows LWS	3.0	2.7	2.7	<0.1	+0.10%
E3_2	435272	275636		2.8	2.6	2.6	<0.1	+0.06%
E3_3	435272	275646		2.6	2.5	2.5	<0.1	+0.02%
E3_4	435272	275656		2.5	2.4	2.4	<0.1	<+0.01 %
E3_5	435272	275666		2.5	2.3	2.3	<0.1	-0.02%
E3_6	435272	275676		2.4	2.3	2.3	<0.1	-0.04%
E3_7	435272	275686		2.4	2.3	2.3	<0.1	-0.05%
E3_8	435272	275696		2.3	2.2	2.2	<0.1	-0.20%
E3_9	435272	275706		2.3	2.2	2.2	<0.1	-0.21%
E3_10	435272	275716		2.3	2.2	2.2	<0.1	-0.21%
E3_11	435273	275726		2.3	2.2	2.2	<0.1	-0.22%
E3_12	435273	275736		2.2	2.2	2.2	<0.1	-0.22%
E3_13	435273	275746		2.2	2.2	2.1	<0.1	-0.23%
E3_14	435273	275756		2.2	2.1	2.1	<0.1	-0.23%
E3_15	435273	275766		2.2	2.1	2.1	<0.1	-0.23%
E3_16	435273	275776		2.2	2.1	2.1	<0.1	-0.24%
E3_17	435273	275786		2.2	2.1	2.1	<0.1	-0.24%
E3_18	435273	275796		2.2	2.1	2.1	<0.1	-0.25%
E3_19	435273	275806		2.2	2.1	2.1	<0.1	-0.25%
E3_20	435273	275816		2.1	2.1	2.1	<0.1	-0.25%
E3_21	435273	275822		2.1	2.1	2.1	<0.1	-0.26%
E5_2	437042	276162	Willenhall Wood LNR - inc. Ancient Woodland	3.0	2.7	2.7	<0.1	+2.29%
E5_3	437037	276170		2.8	2.6	2.6	<0.1	+1.72%
E5_4	437031	276179		2.7	2.5	2.5	<0.1	+1.25%
E5_5	437025	276187		2.6	2.4	2.4	<0.1	+0.92%
E5_6	437019	276195		2.5	2.4	2.4	<0.1	+0.65%
E5_7	437014	276203		2.5	2.3	2.3	<0.1	+0.44%

Receptor ¹	X	Y	Designation	Annual mean NH ₃ (µg/m ³)				DS-DM as % of critical level
				Base 2018	DM 2028	DS 2028	DS - DM	
E5_8	437008	276211		2.4	2.3	2.3	<0.1	+0.26%
E5_9	437002	276220		2.4	2.3	2.3	<0.1	+0.09%
E5_10	436997	276228		2.4	2.3	2.3	<0.1	-0.04%
E5_11	436991	276236		2.3	2.2	2.2	<0.1	-0.15%
E5_12	436985	276244		2.3	2.2	2.2	<0.1	-0.25%
E5_13	436979	276252		2.3	2.2	2.2	<0.1	-0.34%
E5_14	436974	276261		2.3	2.2	2.2	<0.1	-0.42%
E5_15	436968	276269		2.3	2.2	2.2	<0.1	-0.49%
E5_16	436962	276277		2.3	2.2	2.2	<0.1	-0.55%
E5_17	436957	276285		2.2	2.2	2.2	<0.1	-0.61%
E5_18	436951	276293		2.2	2.2	2.2	<0.1	-0.66%
E5_19	436945	276302		2.2	2.2	2.2	<0.1	-0.71%
E5_20	436941	276308		2.2	2.2	2.2	<0.1	-0.74%
E7_1	438119	276879	Herald Way Marsh SSSI	3.5	2.9	2.9	<0.1	+0.63%
E7_2	438112	276886		3.0	2.6	2.6	<0.1	+0.48%
E7_3	438105	276892		2.8	2.5	2.5	<0.1	+0.39%
E7_4	438097	276899		2.6	2.4	2.4	<0.1	+0.32%
E7_5	438090	276906		2.5	2.4	2.4	<0.1	+0.27%
E7_6	438082	276913		2.4	2.3	2.3	<0.1	+0.23%
E7_7	438075	276919		2.4	2.3	2.3	<0.1	+0.20%
E7_8	438067	276926		2.4	2.3	2.3	<0.1	+0.17%
E7_9	438060	276933		2.3	2.2	2.2	<0.1	+0.17%
E7_10	438053	276939		2.3	2.2	2.2	<0.1	+0.15%
E7_11	438045	276946		2.3	2.2	2.2	<0.1	+0.14%
E7_12	438038	276953		2.3	2.2	2.2	<0.1	+0.12%
E7_13	438030	276959		2.2	2.2	2.2	<0.1	+0.11%
E7_14	438023	276966		2.2	2.2	2.2	<0.1	+0.10%
E7_15	438016	276973		2.2	2.2	2.2	<0.1	+0.09%
E7_16	438008	276980		2.2	2.1	2.2	<0.1	+0.08%
E7_17	438001	276986		2.2	2.1	2.1	<0.1	+0.08%
E7_18	437993	276993		2.2	2.1	2.1	<0.1	+0.07%
E7_19	437986	277000		2.3	2.2	2.2	<0.1	+0.06%
E7_20	437982	277003		2.3	2.2	2.2	<0.1	+0.06%
E9_2	438462	277165		3.0	2.6	2.6	<0.1	+0.47%
E9_3	438471	277159		2.8	2.5	2.5	<0.1	+0.33%

Receptor ¹	X	Y	Designation	Annual mean NH ₃ (µg/m ³)				DS-DM as % of critical level
				Base 2018	DM 2028	DS 2028	DS - DM	
E9_4	438479	277154	Piles Coppice LWS inc. Ancient Woodland	2.7	2.4	2.4	<0.1	+0.26%
E9_5	438487	277148		2.6	2.4	2.4	<0.1	+0.20%
E9_6	438495	277142		2.5	2.4	2.4	<0.1	+0.16%
E9_7	438504	277137		2.5	2.3	2.3	<0.1	+0.13%
E9_8	438512	277131		2.4	2.3	2.3	<0.1	+0.10%
E9_9	438520	277125		2.4	2.3	2.3	<0.1	+0.08%
E9_10	438528	277120		2.4	2.3	2.3	<0.1	+0.07%
E9_11	438537	277114		2.3	2.3	2.3	<0.1	+0.05%
E9_12	438545	277108		2.3	2.2	2.2	<0.1	+0.04%
E9_13	438553	277103		2.3	2.2	2.2	<0.1	+0.03%
E9_14	438561	277097		2.3	2.2	2.2	<0.1	+0.02%
E9_15	438569	277091		2.3	2.2	2.2	<0.1	+0.01%
E9_16	438578	277086		2.3	2.2	2.2	<0.1	<+0.01 %
E9_17	438586	277080		2.3	2.2	2.2	<0.1	<+0.01 %
E9_18	438594	277074		2.3	2.2	2.2	<0.1	-0.01%
E9_19	438602	277069		2.3	2.2	2.2	<0.1	-0.02%
E9_20	438606	277066		2.2	2.2	2.2	<0.1	-0.02%
E10_8	438787	277514	Binley Common Farm Wood potential LWS inc. ancient woodland	2.6	2.3	2.3	<0.1	+0.44%
E10_9	438796	277509		2.5	2.3	2.3	<0.1	+0.41%
E10_10	438805	277505		2.5	2.3	2.3	<0.1	+0.39%
E10_11	438814	277501		2.4	2.3	2.3	<0.1	+0.37%
E10_12	438823	277496		2.4	2.3	2.3	<0.1	+0.35%
E10_13	438832	277492		2.4	2.3	2.3	<0.1	+0.34%
E10_14	438842	277488		2.4	2.2	2.3	<0.1	+0.32%
E10_15	438851	277483		2.4	2.2	2.2	<0.1	+0.31%
E10_16	438860	277479		2.3	2.2	2.2	<0.1	+0.30%
E10_17	438869	277475		2.3	2.2	2.2	<0.1	+0.29%
E10_18	438878	277470		2.3	2.2	2.2	<0.1	+0.28%
E10_19	438887	277466		2.3	2.2	2.2	<0.1	+0.27%
E10_20	438891	277464		2.3	2.2	2.2	<0.1	+0.27%
E11_4	438360	279055	Gainford Rise LWS	2.7	2.5	2.5	<0.1	+0.74%
E11_5	438350	279054		2.6	2.4	2.5	<0.1	+0.53%
E11_6	438340	279052		2.6	2.4	2.4	<0.1	+0.39%
E11_7	438330	279050		2.5	2.4	2.4	<0.1	+0.28%

Receptor ¹	X	Y	Designation	Annual mean NH ₃ (µg/m ³)				DS-DM as % of critical level
				Base 2018	DM 2028	DS 2028	DS - DM	
E11_8	438320	279048		2.5	2.4	2.4	<0.1	+0.21%
E11_9	438310	279046		2.5	2.4	2.4	<0.1	+0.15%
E11_10	438301	279044		2.5	2.4	2.4	<0.1	+0.10%
E11_11	438291	279043		2.4	2.3	2.4	<0.1	+0.06%
E11_12	438281	279041		2.4	2.3	2.3	<0.1	+0.02%
E11_13	438271	279039		2.4	2.3	2.3	<0.1	-0.01%
E11_14	438261	279037		2.4	2.3	2.3	<0.1	-0.03%
E11_15	438251	279035		2.4	2.3	2.3	<0.1	-0.05%
E11_16	438242	279033		2.4	2.3	2.3	<0.1	-0.06%
E11_17	438232	279032		2.4	2.3	2.3	<0.1	-0.08%
E11_18	438222	279030		2.4	2.3	2.3	<0.1	-0.09%
E11_19	438212	279028		2.3	2.3	2.3	<0.1	-0.10%
E11_20	438208	279027		2.3	2.3	2.3	<0.1	-0.11%
E12_1	437949	279540	Sowe Valley Dorchester Way LWS	2.7	2.7	2.7	-0.1	-2.99%
E12_2	437959	279542		2.6	2.6	2.5	-0.1	-2.30%
E12_3	437969	279543		2.5	2.5	2.4	-0.1	-2.01%
E12_4	437979	279544		2.5	2.4	2.4	-0.1	-1.85%
E12_5	437989	279546		2.4	2.4	2.4	-0.1	-1.75%
E12_6	437999	279547		2.4	2.4	2.3	-0.1	-1.70%
E12_7	438009	279549		2.4	2.4	2.3	<0.1	-1.66%
E12_8	438019	279550		2.4	2.4	2.3	<0.1	-1.65%
E12_9	438028	279552		2.4	2.4	2.3	<0.1	-1.64%
E12_10	438038	279553		2.4	2.3	2.3	<0.1	-1.64%
E12_11	438048	279555		2.4	2.3	2.3	<0.1	-1.65%
E12_12	438058	279556		2.4	2.3	2.3	-0.1	-1.67%
E12_13	438068	279558		2.4	2.3	2.3	<0.1	-0.65%
E12_14	438078	279559		2.3	2.3	2.3	<0.1	-0.63%
E12_15	438088	279561		2.3	2.3	2.3	<0.1	-0.62%
E12_16	438098	279562		2.3	2.3	2.3	<0.1	-0.62%
E12_17	438108	279564		2.3	2.3	2.3	<0.1	-0.61%
E12_18	438118	279565		2.3	2.3	2.3	<0.1	-0.60%
E12_19	438127	279567		2.3	2.3	2.3	<0.1	-0.60%
E12_20	438137	279568		2.3	2.3	2.3	<0.1	-0.60%
E12_21	438140	279568		2.3	2.3	2.3	<0.1	-0.60%
E13_1	437755	280280		2.6	2.6	2.6	<0.1	-1.49%

Receptor ¹	X	Y	Designation	Annual mean NH ₃ (µg/m ³)				DS-DM as % of critical level
				Base 2018	DM 2028	DS 2028	DS - DM	
E13_2	437765	280282	Sowe Valley Dorchester Way LWS	2.5	2.5	2.4	<0.1	-1.18%
E13_3	437774	280283		2.5	2.4	2.4	<0.1	-1.05%
E13_4	437784	280285		2.4	2.4	2.4	<0.1	-0.95%
E13_5	437794	280287		2.4	2.4	2.4	<0.1	-0.89%
E13_6	437804	280289		2.4	2.4	2.3	<0.1	-0.85%
E13_7	437814	280290		2.4	2.3	2.3	<0.1	-0.82%
E13_8	437824	280292		2.4	2.3	2.3	<0.1	-0.80%
E13_9	437834	280294		2.3	2.3	2.3	<0.1	-0.78%
E13_10	437843	280296		2.3	2.3	2.3	<0.1	-0.77%
E13_11	437853	280297		2.3	2.3	2.3	<0.1	-0.76%
E13_12	437863	280299		2.3	2.3	2.3	<0.1	-0.75%
E13_13	437873	280301		2.3	2.3	2.3	<0.1	-0.75%
E13_14	437883	280303		2.3	2.3	2.3	<0.1	-0.74%
E13_15	437893	280304		2.3	2.3	2.3	<0.1	-0.74%
E13_16	437902	280306		2.3	2.3	2.3	<0.1	-0.74%
E13_17	437912	280308		2.3	2.3	2.3	<0.1	-0.74%
E13_18	437922	280310		2.3	2.3	2.3	<0.1	-0.74%
E13_19	437932	280311		2.3	2.3	2.3	<0.1	-0.75%
E13_20	437936	280312		2.3	2.3	2.3	<0.1	-0.75%
E14_1	437733	280782	Sowe Valley: Wyken Croft to Antsy Road LWS	2.8	2.8	2.8	<0.1	-1.36%
E14_2	437728	280791		2.6	2.6	2.6	<0.1	-1.04%
E14_3	437724	280799		2.6	2.6	2.5	<0.1	-0.89%
E14_4	437719	280808		2.5	2.5	2.5	<0.1	-0.79%
E14_5	437714	280817		2.5	2.5	2.4	<0.1	-0.72%
E14_6	437709	280826		2.4	2.4	2.4	<0.1	-0.67%
E14_7	437705	280835		2.4	2.4	2.4	<0.1	-0.63%
E14_8	437700	280843		2.4	2.4	2.4	<0.1	-0.60%
E14_9	437695	280852		2.4	2.4	2.3	<0.1	-0.57%
E14_10	437690	280861		2.4	2.3	2.3	<0.1	-0.55%
E14_11	437686	280870		2.3	2.3	2.3	<0.1	-0.53%
E14_12	437681	280879		2.3	2.3	2.3	<0.1	-0.51%
E14_13	437676	280887		2.3	2.3	2.3	<0.1	-0.50%
E14_14	437671	280896		2.3	2.3	2.3	<0.1	-0.48%
E14_15	437667	280905		2.3	2.3	2.3	<0.1	-0.47%
E14_16	437662	280914		2.3	2.3	2.3	<0.1	-0.46%

Receptor ¹	X	Y	Designation	Annual mean NH ₃ (µg/m ³)				DS-DM as % of critical level
				Base 2018	DM 2028	DS 2028	DS - DM	
E14_17	437657	280923		2.3	2.3	2.3	<0.1	-0.45%
E14_18	437652	280931		2.3	2.3	2.3	<0.1	-0.44%
E14_19	437648	280940		2.3	2.3	2.3	<0.1	-0.43%
E14_20	437643	280949		2.3	2.3	2.3	<0.1	-0.42%
E14_21	437640	280954		2.3	2.3	2.3	<0.1	-0.42%
E20_3	443174	290946	Stretton Croft LWS	3.4	3.5	3.5	<0.1	+0.64%
E20_4	443169	290955		3.2	3.4	3.4	<0.1	+0.53%
E20_5	443163	290963		3.1	3.2	3.3	<0.1	+0.45%
E20_6	443157	290971		3.1	3.1	3.2	<0.1	+0.40%
E20_7	443151	290979		3.0	3.1	3.1	<0.1	+0.36%
E20_8	443146	290987		2.9	3.0	3.0	<0.1	+0.32%
E20_9	443140	290996		2.9	3.0	3.0	<0.1	+0.30%
E20_10	443134	291004		2.8	2.9	2.9	<0.1	+0.27%
E20_11	443129	291012		2.8	2.9	2.9	<0.1	+0.26%
E20_12	443123	291020		2.8	2.8	2.8	<0.1	+0.24%
E20_13	443117	291028		2.8	2.8	2.8	<0.1	+0.23%
E20_14	443111	291037		2.7	2.8	2.8	<0.1	+0.21%
E20_15	443106	291045		2.7	2.8	2.8	<0.1	+0.20%
E20_16	443100	291053		2.7	2.7	2.7	<0.1	+0.20%
E20_17	443094	291061		2.7	2.7	2.7	<0.1	+0.19%
E20_18	443089	291070		2.7	2.7	2.7	<0.1	+0.18%
E20_19	443083	291077		2.7	2.7	2.7	<0.1	+0.18%
E4a_1	435886	275838	Baginton Fields LWS	3.3	2.9	2.9	<0.1	+0.35%
E4a_2	435884	275848		3.0	2.6	2.6	<0.1	+0.27%
E4a_3	435882	275857		2.8	2.5	2.5	<0.1	+0.23%
E4a_4	435880	275867		2.6	2.4	2.4	<0.1	+0.19%
E4a_5	435878	275877		2.5	2.3	2.3	<0.1	+0.16%
E4a_6	435876	275887		2.5	2.3	2.3	<0.1	+0.13%
E4a_7	435874	275897		2.4	2.2	2.2	<0.1	+0.12%
E4a_8	435872	275906		2.4	2.2	2.2	<0.1	+0.10%
E4a_9	435870	275916		2.3	2.2	2.2	<0.1	+0.09%
E4a_10	435868	275926		2.3	2.2	2.2	<0.1	+0.07%
E4a_11	435866	275936		2.3	2.1	2.1	<0.1	+0.06%
E4a_12	435864	275946		2.2	2.1	2.1	<0.1	+0.05%
E4a_13	435862	275955		2.2	2.1	2.1	<0.1	+0.04%

Receptor ¹	X	Y	Designation	Annual mean NH ₃ (µg/m ³)				DS-DM as % of critical level
				Base 2018	DM 2028	DS 2028	DS - DM	
E4a_14	435860	275965		2.2	2.1	2.1	<0.1	+0.04%
E4a_15	435858	275975		2.2	2.1	2.1	<0.1	+0.03%
E4a_16	435856	275985		2.2	2.1	2.1	<0.1	+0.02%
E4a_17	435854	275993		2.2	2.1	2.1	<0.1	+0.02%
E16_4	438327	279202	Gainford Rise LWS	2.8	2.6	2.5	-0.1	-2.97%
E16_5	438317	279201		2.7	2.5	2.5	-0.1	-2.53%
E16_6	438307	279199		2.6	2.5	2.4	-0.1	-2.15%
E16_7	438297	279197		2.6	2.5	2.4	-0.1	-1.86%
E16_8	438287	279195		2.6	2.4	2.4	<0.1	-1.61%
E16_9	438278	279193		2.5	2.4	2.4	<0.1	-1.43%
E16_10	438268	279192		2.5	2.4	2.4	<0.1	-1.27%
E16_11	438258	279190		2.5	2.4	2.4	<0.1	-1.13%
E16_12	438248	279188		2.4	2.4	2.3	<0.1	-1.01%
E16_13	438238	279186		2.4	2.4	2.3	<0.1	-0.90%
E16_14	438228	279185		2.4	2.4	2.3	<0.1	-0.82%
E16_15	438218	279183		2.4	2.3	2.3	<0.1	-0.74%
E16_16	438209	279181		2.4	2.3	2.3	<0.1	-0.68%
E16_17	438199	279179		2.4	2.3	2.3	<0.1	-0.62%
E16_18	438189	279178		2.4	2.3	2.3	<0.1	-0.57%
E16_19	438179	279176		2.4	2.3	2.3	<0.1	-0.52%
E16_20	438169	279174		2.4	2.3	2.3	<0.1	-0.49%
E17_12	438279	279185	Gainford Rise LWS	2.5	2.4	2.4	<0.1	-1.27%
E17_13	438278	279175		2.5	2.4	2.4	<0.1	-1.07%
E17_14	438278	279165		2.5	2.4	2.4	<0.1	-0.90%
E17_15	438277	279155		2.5	2.4	2.4	<0.1	-0.75%
E17_16	438277	279145		2.5	2.4	2.4	<0.1	-0.62%
E17_17	438276	279135		2.5	2.4	2.4	<0.1	-0.51%
E17_18	438276	279134		2.5	2.4	2.4	<0.1	-0.50%
E19_12	438530	279121	Coombe Pool SSSI	2.6	2.4	2.4	<0.1	+0.52%
E19_13	438539	279124		2.6	2.4	2.4	<0.1	+0.48%
E19_14	438549	279126		2.6	2.4	2.4	<0.1	+0.45%
E19_15	438558	279129		2.5	2.4	2.4	<0.1	+0.42%
E19_19	438597	279140		2.5	2.4	2.4	<0.1	+0.33%
E19_20	438607	279143		2.5	2.4	2.4	<0.1	+0.32%
E19_21	438607	279143		2.5	2.4	2.4	<0.1	+0.32%

Receptor ¹	X	Y	Designation	Annual mean NH ₃ (µg/m ³)				DS-DM as % of critical level
				Base 2018	DM 2028	DS 2028	DS - DM	
E23_5	438520	279360	Coombe Pool SSSI	2.8	2.6	2.5	<0.1	-1.28%
E23_6	438527	279353		2.7	2.5	2.5	<0.1	-0.95%
E23_7	438533	279345		2.7	2.5	2.5	<0.1	-0.70%
E23_8	438540	279338		2.6	2.5	2.5	<0.1	-0.50%
E23_9	438547	279330		2.6	2.5	2.4	<0.1	-0.33%
E23_10	438553	279323		2.6	2.4	2.4	<0.1	-0.22%
E23_11	438560	279315		2.5	2.4	2.4	<0.1	-0.11%
E23_12	438566	279308		2.5	2.4	2.4	<0.1	-0.04%
E23_13	438573	279300		2.5	2.4	2.4	<0.1	+0.02%
E23_14	438580	279293		2.5	2.4	2.4	<0.1	+0.07%
E23_15	438586	279285		2.5	2.4	2.4	<0.1	+0.10%
E23_16	438593	279278		2.5	2.4	2.4	<0.1	+0.13%
E23_17	438599	279270		2.5	2.4	2.4	<0.1	+0.15%
E23_18	438606	279263		2.5	2.4	2.4	<0.1	+0.17%
E23_19	438613	279255		2.4	2.4	2.4	<0.1	+0.19%
E23_20	438617	279251		2.4	2.4	2.4	<0.1	+0.19%
E22_2	438445	279309	Coombe Pool SSSI	3.2	2.9	2.8	<0.1	-1.55%
E22_3	438454	279306		3.1	2.8	2.7	<0.1	-1.31%
E22_4	438463	279302		2.9	2.7	2.6	<0.1	-0.95%
E22_5	438473	279298		2.8	2.6	2.6	<0.1	-0.65%
E22_6	438482	279295		2.8	2.6	2.5	<0.1	-0.46%
E22_7	438491	279291		2.7	2.5	2.5	<0.1	-0.30%
E22_8	438500	279287		2.7	2.5	2.5	<0.1	-0.17%
E22_9	438510	279284		2.6	2.5	2.5	<0.1	-0.09%
E22_10	438519	279280		2.6	2.5	2.5	<0.1	-0.01%
E22_11	438528	279276		2.6	2.4	2.4	<0.1	+0.04%
E22_12	438538	279273		2.6	2.4	2.4	<0.1	+0.08%
E22_13	438547	279269		2.5	2.4	2.4	<0.1	+0.11%
E22_14	438556	279265		2.5	2.4	2.4	<0.1	+0.14%
E22_15	438565	279261		2.5	2.4	2.4	<0.1	+0.16%
E22_16	438575	279258		2.5	2.4	2.4	<0.1	+0.17%
E22_17	438584	279254		2.5	2.4	2.4	<0.1	+0.18%
E22_18	438593	279250		2.5	2.4	2.4	<0.1	+0.19%
E22_19	438603	279247		2.5	2.4	2.4	<0.1	+0.20%
E22_20	438612	279243		2.4	2.4	2.4	<0.1	+0.20%

Receptor ¹	X	Y	Designation	Annual mean NH ₃ (µg/m ³)				DS-DM as % of critical level
				Base 2018	DM 2028	DS 2028	DS - DM	
E22_21	438612	279243		2.4	2.4	2.4	<0.1	+0.20%
E21_3	438434	279242	Coombe Pool SSSI	3.0	2.7	2.7	+0.1	+1.88%
E21_4	438444	279241		2.9	2.6	2.7	<0.1	+1.14%
E21_5	438454	279240		2.9	2.6	2.6	<0.1	+0.76%
E21_6	438464	279240		2.8	2.5	2.6	<0.1	+0.53%
E21_7	438474	279239		2.7	2.5	2.5	<0.1	+0.41%
E21_8	438484	279238		2.7	2.5	2.5	<0.1	+0.34%
E21_9	438494	279238		2.7	2.5	2.5	<0.1	+0.29%
E21_10	438504	279237		2.6	2.5	2.5	<0.1	+0.27%
E21_11	438514	279236		2.6	2.4	2.5	<0.1	+0.25%
E21_12	438524	279235		2.6	2.4	2.4	<0.1	+0.24%
E21_13	438534	279235		2.6	2.4	2.4	<0.1	+0.24%
E21_14	438544	279234		2.5	2.4	2.4	<0.1	+0.23%
E21_15	438554	279233		2.5	2.4	2.4	<0.1	+0.23%
E21_16	438564	279233		2.5	2.4	2.4	<0.1	+0.23%
E21_17	438574	279232		2.5	2.4	2.4	<0.1	+0.23%
E21_18	438584	279231		2.5	2.4	2.4	<0.1	+0.23%
E21_19	438594	279230		2.5	2.4	2.4	<0.1	+0.22%
E21_20	438604	279230		2.5	2.4	2.4	<0.1	+0.22%
E21_21	438606	279229		2.5	2.4	2.4	<0.1	+0.22%
E6_1	437735	280392	Sowe Valley Dorchester Way LWS	2.7	2.6	2.6	<0.1	-1.42%
E6_2	437745	280393		2.5	2.5	2.5	<0.1	-1.13%
E6_3	437755	280395		2.5	2.5	2.4	<0.1	-0.98%
E6_4	437765	280396		2.4	2.4	2.4	<0.1	-0.90%
E6_5	437775	280398		2.4	2.4	2.4	<0.1	-0.84%
E6_6	437785	280400		2.4	2.4	2.4	<0.1	-0.80%
E6_7	437794	280401		2.4	2.4	2.3	<0.1	-0.77%
E6_8	437804	280403		2.4	2.4	2.3	<0.1	-0.75%
E6_9	437814	280404		2.4	2.3	2.3	<0.1	-0.73%
E6_10	437824	280406		2.4	2.3	2.3	<0.1	-0.72%
E6_11	437832	280407		2.3	2.3	2.3	<0.1	-0.71%
E18_1	437266	276233	Willenhall Wood LNR - inc. Ancient Woodland	3.3	3.0	3.1	<0.1	+2.51%
E18_2	437262	276243		2.9	2.7	2.7	<0.1	+1.56%
E18_3	437259	276252		2.8	2.6	2.6	<0.1	+1.10%
E18_4	437255	276261		2.6	2.5	2.5	<0.1	+0.78%

Receptor ¹	X	Y	Designation	Annual mean NH ₃ (µg/m ³)				DS-DM as % of critical level
				Base 2018	DM 2028	DS 2028	DS - DM	
E18_5	437251	276271		2.5	2.4	2.4	<0.1	+0.53%
E18_6	437247	276280		2.5	2.4	2.4	<0.1	+0.36%
E18_7	437244	276289		2.4	2.3	2.3	<0.1	+0.23%
E18_8	437240	276298		2.4	2.3	2.3	<0.1	+0.12%
E18_9	437236	276308		2.4	2.3	2.3	<0.1	+0.02%
E18_10	437232	276317		2.3	2.3	2.3	<0.1	-0.06%
E18_11	437229	276326		2.3	2.3	2.2	<0.1	-0.12%
E18_12	437225	276335		2.3	2.2	2.2	<0.1	-0.18%
E18_13	437221	276345		2.3	2.2	2.2	<0.1	-0.24%
E18_14	437217	276354		2.3	2.2	2.2	<0.1	-0.28%
E18_15	437214	276363		2.3	2.2	2.2	<0.1	-0.32%
E18_16	437210	276372		2.2	2.2	2.2	<0.1	-0.36%
E18_17	437206	276382		2.2	2.2	2.2	<0.1	-0.40%
E18_18	437202	276391		2.2	2.2	2.2	<0.1	-0.43%
E18_19	437199	276400		2.2	2.2	2.2	<0.1	-0.46%
E18_20	437195	276410		2.2	2.2	2.2	<0.1	-0.48%
E18_21	437195	276410		2.2	2.2	2.2	<0.1	-0.48%
E4b_2	435143	275609	Stonebridge Meadows LNR	3.0	2.7	2.7	<0.1	-0.01%
E4b_3	435143	275619		2.8	2.5	2.5	<0.1	-0.04%
E4b_4	435143	275629		2.7	2.4	2.4	<0.1	-0.06%
E4b_5	435143	275639		2.6	2.4	2.4	<0.1	-0.08%
E4b_6	435143	275649		2.5	2.3	2.3	<0.1	-0.10%
E4b_7	435143	275659		2.4	2.3	2.3	<0.1	-0.11%
E4b_8	435143	275669		2.4	2.2	2.2	<0.1	-0.13%
E4b_9	435142	275679		2.3	2.2	2.2	<0.1	-0.14%
E4b_10	435142	275689		2.3	2.2	2.2	<0.1	-0.15%
E4b_11	435142	275699		2.3	2.2	2.2	<0.1	-0.28%
E4b_12	435142	275709		2.3	2.2	2.1	<0.1	-0.29%
E4b_13	435142	275719		2.2	2.1	2.1	<0.1	-0.30%
E4b_14	435142	275729		2.2	2.1	2.1	<0.1	-0.30%
E4b_15	435142	275739		2.2	2.1	2.1	<0.1	-0.31%
E4b_16	435142	275749		2.2	2.1	2.1	<0.1	-0.31%
E4b_17	435141	275759		2.2	2.1	2.1	<0.1	-0.32%
E4b_18	435141	275769		2.2	2.1	2.1	<0.1	-0.33%
E4b_19	435141	275779		2.2	2.1	2.1	<0.1	-0.33%

Receptor ¹	X	Y	Designation	Annual mean NH ₃ (µg/m ³)				DS-DM as % of critical level
				Base 2018	DM 2028	DS 2028	DS - DM	
E4b_20	435141	275789		2.2	2.1	2.1	<0.1	-0.34%
E4b_21	435141	275792		2.2	2.1	2.1	<0.1	-0.34%
SP3833576 796	438335	276796	Veteran Tree	2.1	2.1	2.1	<0.1	+0.01%
SP3868977 180	438689	277180	Veteran Tree	2.3	2.2	2.2	<0.1	-0.02%
SP3790979 680	437909	279680	Veteran Tree	2.7	2.7	2.6	-0.1	-2.59%
SP3847279 609	438472	279609	Veteran Tree	2.5	2.4	2.4	<0.1	0.94%
Bold denotes a change greater than 1% of the critical level (1 or 3 µg/m³) ¹Receptor ID nomenclature: 'En' references the ecological transect specific to a designated site; "_n" provides an indicator of the specific transect receptor distance from the designation boundary (e.g. 'E1_1' represents ecological transect number one (Lower Sowe Meadows LWS) and the specific receptor on that transect at 0m from the designation boundary. 'E1_2' represents the same designated site with the receptor at 10m within the designation boundary.								

Table 1.6 Modelled annual mean nitrogen deposition rate results for all scenarios – ecological receptors

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E1_1	434428	275670	Lower Sowe Meadows LWS	45.8	39.9	40.0	+0.1	0.79%
E1_2	434431	275680		43.8	38.7	38.8	+0.1	0.70%
E1_3	434434	275689		42.6	38.0	38.1	+0.1	0.61%
E1_4	434437	275699		41.5	37.5	37.4	-0.0	-0.49%
E1_5	434440	275708		40.8	37.1	37.0	-0.0	-0.49%
E1_6	434444	275718		40.1	36.7	36.6	-0.1	-0.54%
E1_7	434447	275727		39.6	36.4	36.4	-0.1	-0.56%
E1_8	434450	275737		39.2	36.2	36.1	-0.1	-0.58%
E1_9	434453	275746		38.8	36.0	36.0	-0.1	-0.62%
E1_10	434456	275756		38.5	35.8	35.8	-0.1	-0.60%
E1_11	434459	275765		38.2	35.7	35.6	-0.1	-0.64%
E1_12	434462	275775		38.0	35.6	35.5	-0.1	-0.64%
E1_13	434465	275784		37.8	35.5	35.4	-0.1	-0.65%
E1_14	434468	275794		37.5	35.4	35.3	-0.1	-0.63%
E1_15	434472	275803		37.4	35.3	35.2	-0.1	-0.63%
E1_16	434475	275813		37.2	35.2	35.1	-0.1	-0.66%

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E1_17	434478	275822		37.1	35.1	35.1	-0.1	-0.66%
E1_18	434481	275832		36.9	35.1	35.0	-0.1	-0.67%
E1_19	434484	275841		36.8	35.0	34.9	-0.1	-0.67%
E1_20	434487	275851		36.7	34.9	34.9	-0.1	-0.67%
E1_21	434490	275860		36.6	34.9	34.8	-0.1	-0.67%
E1_22	434493	275870		36.5	34.8	34.8	-0.1	-0.67%
E1_23	434495	275875		36.4	34.8	34.7	-0.1	-0.67%
E2_1	434691	275621	Stonebridge Meadows LNR	59.3	46.1	46.2	+0.1	0.80%
E2_2	434693	275631		51.6	42.1	42.1	+0.1	0.63%
E2_3	434694	275640		47.9	40.2	40.2	+0.1	0.56%
E2_4	434696	275650		45.2	38.8	38.9	+0.1	0.50%
E2_5	434697	275660		43.4	37.9	38.0	+0.0	0.40%
E2_6	434698	275670		42.2	37.3	37.3	+0.0	0.37%
E2_7	434700	275680		41.2	36.8	36.8	+0.0	0.34%
E2_8	434701	275690		40.4	36.4	36.3	-0.1	-0.55%
E2_9	434702	275700		39.7	36.1	36.0	-0.1	-0.56%
E2_10	434704	275710		39.2	35.8	35.8	-0.1	-0.55%
E2_11	434705	275720		38.7	35.6	35.6	-0.1	-0.59%
E2_12	434706	275730		38.4	35.4	35.4	-0.1	-0.59%
E2_13	434708	275740		38.0	35.3	35.2	-0.1	-0.60%
E2_14	434709	275749		37.8	35.2	35.1	-0.1	-0.61%
E2_15	434710	275759		37.5	35.0	35.0	-0.1	-0.61%
E2_16	434712	275769		37.3	34.9	34.9	-0.1	-0.62%
E2_17	434713	275779		37.0	34.8	34.8	-0.1	-0.65%
E2_18	434715	275789		36.9	34.7	34.7	-0.1	-0.65%
E2_19	434715	275790		36.8	34.7	34.7	-0.1	-0.62%
E3_1	435272	275626	Lower Sowe Meadows LWS	46.9	40.9	40.9	+0.0	0.33%
E3_2	435272	275636		44.2	39.2	39.2	+0.0	0.16%
E3_3	435272	275646		42.5	38.2	38.2	+0.0	0.08%
E3_4	435272	275656		41.2	37.5	37.5	-0.0	-0.01%
E3_5	435272	275666		40.3	36.9	36.9	-0.0	-0.05%
E3_6	435272	275676		39.6	36.5	36.5	-0.0	-0.12%
E3_7	435272	275686		39.0	36.2	36.1	-0.0	-0.18%
E3_8	435272	275696		38.5	35.9	35.8	-0.1	-0.65%
E3_9	435272	275706		38.0	35.6	35.6	-0.1	-0.66%

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E3_10	435272	275716		37.7	35.4	35.4	-0.1	-0.70%
E3_11	435273	275726		37.4	35.3	35.2	-0.1	-0.71%
E3_12	435273	275736		37.1	35.1	35.0	-0.1	-0.72%
E3_13	435273	275746		36.9	35.0	34.9	-0.1	-0.73%
E3_14	435273	275756		36.7	34.8	34.8	-0.1	-0.74%
E3_15	435273	275766		36.5	34.7	34.6	-0.1	-0.75%
E3_16	435273	275776		36.3	34.6	34.5	-0.1	-0.76%
E3_17	435273	275786		36.1	34.5	34.5	-0.1	-0.77%
E3_18	435273	275796		36.0	34.4	34.4	-0.1	-0.78%
E3_19	435273	275806		35.9	34.4	34.3	-0.1	-0.79%
E3_20	435273	275816		35.7	34.3	34.2	-0.1	-0.79%
E3_21	435273	275822		35.7	34.3	34.2	-0.1	-0.83%
E5_1	437048	276154	Willenhall Wood LNR - inc. Ancient Woodland	50.7	43.1	43.4	+0.3	3.10%
E5_2	437042	276162		45.9	40.1	40.3	+0.2	2.22%
E5_3	437037	276170		43.4	38.6	38.7	+0.2	1.66%
E5_4	437031	276179		41.5	37.5	37.6	+0.1	1.18%
E5_5	437025	276187		40.4	36.8	36.9	+0.1	0.86%
E5_6	437019	276195		39.5	36.4	36.4	+0.1	0.60%
E5_7	437014	276203		38.8	36.0	36.0	+0.0	0.37%
E5_8	437008	276211		38.3	35.7	35.7	+0.0	0.20%
E5_9	437002	276220		37.8	35.4	35.4	+0.0	0.04%
E5_10	436997	276228		37.5	35.3	35.3	-0.0	-0.12%
E5_11	436991	276236		37.2	35.1	35.1	-0.0	-0.23%
E5_12	436985	276244		36.9	35.0	34.9	-0.0	-0.31%
E5_13	436979	276252		36.7	34.8	34.8	-0.0	-0.41%
E5_14	436974	276261		36.4	34.7	34.6	-0.1	-0.50%
E5_15	436968	276269		36.2	34.6	34.5	-0.1	-0.56%
E5_16	436962	276277		36.1	34.5	34.4	-0.1	-0.61%
E5_17	436957	276285		35.9	34.4	34.3	-0.1	-0.68%
E5_18	436951	276293		35.8	34.3	34.2	-0.1	-0.72%
E5_19	436945	276302		35.7	34.2	34.2	-0.1	-0.79%
E5_20	436941	276308		35.6	34.2	34.1	-0.1	-0.81%
E7_1	438119	276879	Herald Way Marsh SSSI	30.1	24.6	24.7	+0.1	1.24%
E7_2	438112	276886		26.5	22.9	23.0	+0.1	0.95%
E7_3	438105	276892		24.8	22.1	22.1	+0.1	0.78%

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E7_4	438097	276899		23.6	21.5	21.5	+0.1	0.65%
E7_5	438090	276906		22.9	21.1	21.1	+0.1	0.54%
E7_6	438082	276913		22.4	20.8	20.8	+0.0	0.46%
E7_7	438075	276919		22.0	20.6	20.6	+0.0	0.40%
E7_8	438067	276926		21.7	20.4	20.4	+0.0	0.34%
E7_9	438060	276933		21.4	20.3	20.3	+0.0	0.32%
E7_10	438053	276939		21.2	20.1	20.2	+0.0	0.29%
E7_11	438045	276946		21.0	20.0	20.1	+0.0	0.25%
E7_12	438038	276953		20.8	20.0	20.0	+0.0	0.23%
E7_13	438030	276959		20.7	19.9	19.9	+0.0	0.20%
E7_14	438023	276966		20.5	19.8	19.8	+0.0	0.18%
E7_15	438016	276973		20.4	19.7	19.8	+0.0	0.16%
E7_16	438008	276980		20.3	19.7	19.7	+0.0	0.16%
E7_17	438001	276986		20.3	19.6	19.7	+0.0	0.13%
E7_18	437993	276993		20.1	19.5	19.5	+0.0	0.12%
E7_19	437986	277000		20.2	19.6	19.7	+0.0	0.11%
E7_20	437982	277003		20.2	19.6	19.6	+0.0	0.11%
E9_1	438454	277171	Piles Coppice LWS inc. Ancient Woodland	49.3	40.4	40.6	+0.2	2.32%
E9_2	438462	277165		44.2	38.2	38.4	+0.2	1.50%
E9_3	438471	277159		41.6	37.0	37.1	+0.1	1.07%
E9_4	438479	277154		40.1	36.4	36.4	+0.1	0.81%
E9_5	438487	277148		39.0	35.8	35.9	+0.1	0.65%
E9_6	438495	277142		38.2	35.5	35.5	+0.1	0.52%
E9_7	438504	277137		37.6	35.2	35.2	+0.0	0.39%
E9_8	438512	277131		37.1	34.9	35.0	+0.0	0.33%
E9_9	438520	277125		36.7	34.7	34.8	+0.0	0.25%
E9_10	438528	277120		36.4	34.6	34.6	+0.0	0.22%
E9_11	438537	277114		36.1	34.4	34.4	+0.0	0.18%
E9_12	438545	277108		35.8	34.3	34.3	+0.0	0.12%
E9_13	438553	277103		35.6	34.2	34.2	+0.0	0.09%
E9_14	438561	277097		35.5	34.1	34.1	+0.0	0.04%
E9_15	438569	277091		35.3	34.0	34.0	+0.0	0.02%
E9_16	438578	277086		35.1	33.9	33.9	+0.0	0.00%
E9_17	438586	277080		35.0	33.9	33.9	-0.0	-0.04%
E9_18	438594	277074		34.9	33.8	33.8	-0.0	-0.05%

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E9_19	438602	277069	Binley Common Farm Wood potential LWS inc. Ancient woodland	34.8	33.8	33.8	-0.0	-0.07%
E9_20	438606	277066		34.7	33.7	33.7	-0.0	-0.04%
E10_7	438778	277518		39.2	35.5	35.6	+0.2	1.51%
E10_8	438787	277514		38.6	35.2	35.3	+0.1	1.41%
E10_9	438796	277509		38.0	35.0	35.1	+0.1	1.31%
E10_10	438805	277505		37.6	34.8	34.9	+0.1	1.23%
E10_11	438814	277501		37.2	34.6	34.7	+0.1	1.19%
E10_12	438823	277496		36.9	34.5	34.6	+0.1	1.15%
E10_13	438832	277492		36.6	34.4	34.5	+0.1	1.08%
E10_14	438842	277488		36.4	34.3	34.4	+0.1	1.02%
E10_15	438851	277483		36.2	34.2	34.3	+0.1	0.99%
E10_16	438860	277479		36.0	34.1	34.2	+0.1	0.96%
E10_17	438869	277475		35.8	34.0	34.1	+0.1	0.91%
E10_18	438878	277470		35.6	33.9	34.0	+0.1	0.88%
E10_19	438887	277466		35.5	33.9	34.0	+0.1	0.84%
E10_20	438891	277464		35.4	33.9	33.9	+0.1	0.86%
E11_3	438369	279057	Gainford Rise LWS	41.4	37.2	37.4	+0.3	2.67%
E11_4	438360	279055		40.2	36.7	36.9	+0.2	1.90%
E11_5	438350	279054		39.3	36.3	36.4	+0.1	1.33%
E11_6	438340	279052		38.5	36.0	36.1	+0.1	0.94%
E11_7	438330	279050		38.0	35.7	35.8	+0.1	0.67%
E11_8	438320	279048		37.6	35.6	35.6	+0.0	0.46%
E11_9	438310	279046		37.2	35.4	35.5	+0.0	0.31%
E11_10	438301	279044		37.0	35.3	35.3	+0.0	0.21%
E11_11	438291	279043		36.7	35.2	35.2	+0.0	0.08%
E11_12	438281	279041		36.5	35.1	35.1	-0.0	0.00%
E11_13	438271	279039		36.3	35.0	35.0	-0.0	-0.10%
E11_14	438261	279037		36.2	35.0	35.0	-0.0	-0.18%
E11_15	438251	279035		36.0	34.9	34.9	-0.0	-0.20%
E11_16	438242	279033		35.9	34.9	34.8	-0.0	-0.27%
E11_17	438232	279032		35.8	34.8	34.8	-0.0	-0.28%
E11_18	438222	279030		35.7	34.8	34.8	-0.0	-0.33%
E11_19	438212	279028		35.6	34.7	34.7	-0.0	-0.36%
E11_20	438208	279027		35.6	34.7	34.7	-0.0	-0.36%
E12_1	437949	279540		24.3	23.1	22.5	-0.6	-2.96%

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E12_2	437959	279542	Sowe Valley Dorchester Way LWS	22.9	22.0	21.5	-0.5	-2.28%
E12_3	437969	279543		22.2	21.5	21.1	-0.4	-1.99%
E12_4	437979	279544		21.8	21.1	20.8	-0.4	-1.83%
E12_5	437989	279546		21.5	20.9	20.6	-0.3	-1.73%
E12_6	437999	279547		21.3	20.8	20.4	-0.3	-1.67%
E12_7	438009	279549		21.1	20.6	20.2	-0.3	-1.65%
E12_8	438019	279550		21.0	20.5	20.2	-0.3	-1.64%
E12_9	438028	279552		20.9	20.4	20.1	-0.3	-1.62%
E12_10	438038	279553		20.8	20.4	20.0	-0.3	-1.63%
E12_11	438048	279555		20.8	20.3	20.0	-0.3	-1.63%
E12_12	438058	279556		20.7	20.3	20.0	-0.3	-1.64%
E12_13	438068	279558		20.7	20.3	20.1	-0.1	-0.64%
E12_14	438078	279559		20.7	20.2	20.1	-0.1	-0.63%
E12_15	438088	279561		20.7	20.2	20.1	-0.1	-0.63%
E12_16	438098	279562		20.7	20.2	20.1	-0.1	-0.61%
E12_17	438108	279564		20.6	20.2	20.1	-0.1	-0.60%
E12_18	438118	279565		20.6	20.2	20.0	-0.1	-0.60%
E12_19	438127	279567		20.6	20.2	20.0	-0.1	-0.59%
E12_20	438137	279568		20.6	20.1	20.0	-0.1	-0.59%
E12_21	438140	279568		20.6	20.1	20.0	-0.1	-0.59%
E13_1	437755	280280	Sowe Valley Dorchester Way LWS	23.5	22.4	22.1	-0.3	-1.49%
E13_2	437765	280282		22.4	21.7	21.4	-0.2	-1.18%
E13_3	437774	280283		22.0	21.4	21.1	-0.2	-1.04%
E13_4	437784	280285		21.7	21.1	20.9	-0.2	-0.95%
E13_5	437794	280287		21.5	21.0	20.8	-0.2	-0.89%
E13_6	437804	280289		21.3	20.9	20.7	-0.2	-0.85%
E13_7	437814	280290		21.2	20.8	20.6	-0.2	-0.82%
E13_8	437824	280292		21.2	20.7	20.6	-0.2	-0.79%
E13_9	437834	280294		21.1	20.7	20.5	-0.2	-0.78%
E13_10	437843	280296		21.0	20.6	20.5	-0.2	-0.77%
E13_11	437853	280297		21.0	20.6	20.4	-0.2	-0.75%
E13_12	437863	280299		20.9	20.6	20.4	-0.1	-0.75%
E13_13	437873	280301		20.9	20.5	20.4	-0.1	-0.74%
E13_14	437883	280303		20.9	20.5	20.4	-0.1	-0.74%
E13_15	437893	280304		20.8	20.5	20.3	-0.1	-0.74%

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E13_16	437902	280306		20.8	20.5	20.3	-0.1	-0.74%
E13_17	437912	280308		20.8	20.4	20.3	-0.1	-0.73%
E13_18	437922	280310		20.8	20.4	20.3	-0.1	-0.73%
E13_19	437932	280311		20.8	20.4	20.3	-0.1	-0.74%
E13_20	437936	280312		20.7	20.4	20.3	-0.1	-0.74%
E14_1	437733	280782	Sowe Valley: Wyken Croft to Antsy Road LWS	43.6	40.9	40.4	-0.4	-4.41%
E14_2	437728	280791		40.7	38.8	38.4	-0.3	-3.38%
E14_3	437724	280799		39.4	37.8	37.6	-0.3	-2.90%
E14_4	437719	280808		38.5	37.2	36.9	-0.3	-2.54%
E14_5	437714	280817		37.9	36.7	36.5	-0.2	-2.32%
E14_6	437709	280826		37.4	36.3	36.1	-0.2	-2.17%
E14_7	437705	280835		37.1	36.1	35.9	-0.2	-2.02%
E14_8	437700	280843		36.8	35.9	35.7	-0.2	-1.95%
E14_9	437695	280852		36.5	35.7	35.6	-0.2	-1.86%
E14_10	437690	280861		36.3	35.6	35.4	-0.2	-1.77%
E14_11	437686	280870		36.2	35.5	35.3	-0.2	-1.73%
E14_12	437681	280879		36.0	35.4	35.2	-0.2	-1.66%
E14_13	437676	280887		35.9	35.3	35.1	-0.2	-1.62%
E14_14	437671	280896		35.8	35.2	35.0	-0.2	-1.56%
E14_15	437667	280905		35.7	35.1	35.0	-0.2	-1.54%
E14_16	437662	280914		35.6	35.1	34.9	-0.1	-1.48%
E14_17	437657	280923		35.5	35.0	34.9	-0.1	-1.43%
E14_18	437652	280931		35.5	35.0	34.8	-0.1	-1.43%
E14_19	437648	280940		35.4	34.9	34.8	-0.1	-1.41%
E14_20	437643	280949		35.3	34.9	34.7	-0.1	-1.36%
E14_21	437640	280954		35.3	34.9	34.7	-0.1	-1.32%
E20_2	443180	290938	Stretton Croft LWS	52.8	49.8	50.0	+0.2	2.26%
E20_3	443174	290946		50.3	47.5	47.7	+0.2	1.79%
E20_4	443169	290955		48.5	45.9	46.1	+0.2	1.50%
E20_5	443163	290963		47.2	44.8	44.9	+0.1	1.26%
E20_6	443157	290971		46.1	43.9	44.1	+0.1	1.14%
E20_7	443151	290979		45.3	43.2	43.3	+0.1	1.01%
E20_8	443146	290987		44.6	42.7	42.8	+0.1	0.90%
E20_9	443140	290996		44.0	42.1	42.2	+0.1	0.84%
E20_10	443134	291004		43.3	41.5	41.6	+0.1	0.76%

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E20_11	443129	291012		42.9	41.2	41.2	+0.1	0.72%
E20_12	443123	291020		42.5	40.8	40.9	+0.1	0.70%
E20_13	443117	291028		42.1	40.6	40.6	+0.1	0.64%
E20_14	443111	291037		41.8	40.3	40.3	+0.1	0.61%
E20_15	443106	291045		41.5	40.1	40.1	+0.1	0.59%
E20_16	443100	291053		41.3	39.9	39.9	+0.1	0.54%
E20_17	443094	291061		41.1	39.7	39.7	+0.1	0.53%
E20_18	443089	291070		40.9	39.5	39.6	+0.1	0.51%
E20_19	443083	291077		40.7	39.4	39.4	+0.0	0.50%
E4a_1	435886	275838	Baginton Fields LWS	51.8	42.7	42.8	+0.1	1.05%
E4a_2	435884	275848		46.9	39.9	40.0	+0.1	0.84%
E4a_3	435882	275857		44.4	38.5	38.6	+0.1	0.67%
E4a_4	435880	275867		42.5	37.5	37.6	+0.1	0.58%
E4a_5	435878	275877		41.1	36.8	36.8	+0.0	0.48%
E4a_6	435876	275887		40.1	36.3	36.3	+0.0	0.43%
E4a_7	435874	275897		39.4	35.9	35.9	+0.0	0.36%
E4a_8	435872	275906		38.8	35.6	35.6	+0.0	0.32%
E4a_9	435870	275916		38.3	35.3	35.3	+0.0	0.26%
E4a_10	435868	275926		37.8	35.1	35.1	+0.0	0.23%
E4a_11	435866	275936		37.5	34.9	34.9	+0.0	0.21%
E4a_12	435864	275946		37.2	34.7	34.7	+0.0	0.18%
E4a_13	435862	275955		36.9	34.6	34.6	+0.0	0.13%
E4a_14	435860	275965		36.7	34.5	34.5	+0.0	0.09%
E4a_15	435858	275975		36.4	34.4	34.4	+0.0	0.07%
E4a_16	435856	275985		36.2	34.3	34.3	+0.0	0.05%
E4a_17	435854	275993		36.1	34.2	34.2	+0.0	0.04%
E16_3	438337	279204	Gainford Rise LWS	43.0	38.3	37.2	-1.1	-11.41%
E16_4	438327	279202		41.4	37.6	36.6	-0.9	-9.14%
E16_5	438317	279201		40.3	37.0	36.3	-0.8	-7.81%
E16_6	438307	279199		39.5	36.6	36.0	-0.7	-6.64%
E16_7	438297	279197		38.8	36.3	35.8	-0.6	-5.71%
E16_8	438287	279195		38.3	36.1	35.6	-0.5	-4.99%
E16_9	438278	279193		37.9	35.9	35.4	-0.4	-4.41%
E16_10	438268	279192		37.5	35.7	35.3	-0.4	-3.94%
E16_11	438258	279190		37.2	35.6	35.2	-0.4	-3.51%

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E16_12	438248	279188		37.0	35.4	35.1	-0.3	-3.11%
E16_13	438238	279186		36.7	35.3	35.0	-0.3	-2.78%
E16_14	438228	279185		36.5	35.2	35.0	-0.3	-2.55%
E16_15	438218	279183		36.4	35.1	34.9	-0.2	-2.31%
E16_16	438209	279181		36.2	35.1	34.9	-0.2	-2.14%
E16_17	438199	279179		36.1	35.0	34.8	-0.2	-1.94%
E16_18	438189	279178		36.0	35.0	34.8	-0.2	-1.80%
E16_19	438179	279176		35.9	34.9	34.7	-0.2	-1.63%
E16_20	438169	279174		35.8	34.9	34.7	-0.2	-1.51%
E17_11	438279	279195	Gainford Rise LWS	38.0	35.9	35.5	-0.5	-4.58%
E17_12	438279	279185		37.8	35.8	35.4	-0.4	-3.93%
E17_13	438278	279175		37.7	35.7	35.4	-0.3	-3.35%
E17_14	438278	279165		37.6	35.7	35.4	-0.3	-2.83%
E17_15	438277	279155		37.4	35.6	35.4	-0.2	-2.36%
E17_16	438277	279145		37.3	35.5	35.3	-0.2	-1.97%
E17_17	438276	279135		37.2	35.5	35.3	-0.2	-1.62%
E17_18	438276	279134		37.2	35.5	35.3	-0.2	-1.59%
E15_12	438161	279219	Gainford Rise LWS	35.8	34.9	34.7	-0.2	-1.80%
E15_13	438158	279210		35.8	34.9	34.7	-0.2	-1.66%
E15_14	438154	279200		35.7	34.8	34.7	-0.2	-1.58%
E15_15	438151	279191		35.7	34.8	34.7	-0.1	-1.48%
E15_16	438151	279189		35.7	34.8	34.7	-0.1	-1.47%
E19_2	438433	279094	Coombe Pool SSSI	50.9	40.7	41.3	+0.6	6.10%
E19_3	438443	279096		47.2	39.3	39.8	+0.5	4.61%
E19_4	438453	279099		44.9	38.4	38.8	+0.4	3.71%
E19_5	438462	279102		43.4	37.9	38.2	+0.3	3.08%
E19_6	438472	279104		42.2	37.4	37.7	+0.3	2.63%
E19_7	438481	279107		41.4	37.1	37.3	+0.2	2.30%
E19_8	438491	279110		40.7	36.8	37.0	+0.2	2.02%
E19_9	438501	279113		40.1	36.6	36.8	+0.2	1.78%
E19_10	438510	279115		39.6	36.4	36.6	+0.2	1.64%
E19_11	438520	279118		39.2	36.2	36.4	+0.1	1.47%
E19_12	438530	279121		38.8	36.1	36.2	+0.1	1.39%
E19_13	438539	279124		38.6	36.0	36.1	+0.1	1.27%
E19_14	438549	279126		38.3	35.8	36.0	+0.1	1.19%

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E19_15	438558	279129		38.1	35.7	35.9	+0.1	1.12%
E19_16	438568	279132		37.8	35.7	35.8	+0.1	1.03%
E19_17	438578	279134		37.6	35.6	35.7	+0.1	0.98%
E19_18	438587	279137		37.5	35.5	35.6	+0.1	0.91%
E19_19	438597	279140		37.3	35.4	35.5	+0.1	0.89%
E19_20	438607	279143		37.1	35.4	35.4	+0.1	0.86%
E19_21	438607	279143		37.1	35.4	35.4	+0.1	0.86%
E23_4	438514	279368	Coombe Pool SSSI	42.1	38.1	37.6	-0.5	-4.99%
E23_5	438520	279360		41.1	37.6	37.2	-0.4	-3.77%
E23_6	438527	279353		40.3	37.1	36.9	-0.3	-2.78%
E23_7	438533	279345		39.7	36.8	36.6	-0.2	-2.05%
E23_8	438540	279338		39.2	36.5	36.4	-0.1	-1.46%
E23_9	438547	279330		38.8	36.3	36.2	-0.1	-0.95%
E23_10	438553	279323		38.5	36.1	36.1	-0.1	-0.66%
E23_11	438560	279315		38.2	36.0	35.9	-0.0	-0.32%
E23_12	438566	279308		38.0	35.8	35.8	-0.0	-0.13%
E23_13	438573	279300		37.7	35.7	35.7	+0.0	0.05%
E23_14	438580	279293		37.6	35.6	35.6	+0.0	0.16%
E23_15	438586	279285		37.4	35.5	35.6	+0.0	0.27%
E23_16	438593	279278		37.3	35.5	35.5	+0.0	0.37%
E23_17	438599	279270		37.2	35.4	35.4	+0.0	0.42%
E23_18	438606	279263		37.0	35.3	35.4	+0.0	0.46%
E23_19	438613	279255		36.9	35.3	35.3	+0.0	0.49%
E23_20	438617	279251		36.9	35.3	35.3	+0.1	0.51%
E22_1	438435	279313	Coombe Pool SSSI	50.4	42.7	42.7	-0.0	-0.03%
E22_2	438445	279309		46.6	40.5	40.2	-0.3	-3.18%
E22_3	438454	279306		44.5	39.3	39.0	-0.3	-3.00%
E22_4	438463	279302		43.0	38.5	38.3	-0.2	-2.24%
E22_5	438473	279298		41.8	37.8	37.7	-0.2	-1.55%
E22_6	438482	279295		41.0	37.4	37.3	-0.1	-1.11%
E22_7	438491	279291		40.4	37.0	37.0	-0.1	-0.72%
E22_8	438500	279287		39.8	36.8	36.7	-0.0	-0.40%
E22_9	438510	279284		39.4	36.5	36.5	-0.0	-0.17%
E22_10	438519	279280		39.0	36.3	36.3	-0.0	0.00%
E22_11	438528	279276		38.7	36.1	36.2	+0.0	0.13%

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E22_12	438538	279273		38.4	36.0	36.0	+0.0	0.24%
E22_13	438547	279269		38.1	35.9	35.9	+0.0	0.32%
E22_14	438556	279265		37.9	35.8	35.8	+0.0	0.38%
E22_15	438565	279261		37.7	35.7	35.7	+0.0	0.43%
E22_16	438575	279258		37.5	35.6	35.6	+0.0	0.49%
E22_17	438584	279254		37.3	35.5	35.5	+0.1	0.52%
E22_18	438593	279250		37.2	35.4	35.5	+0.1	0.54%
E22_19	438603	279247		37.1	35.3	35.4	+0.1	0.55%
E22_20	438612	279243		36.9	35.3	35.3	+0.1	0.53%
E22_21	438612	279243		36.9	35.3	35.3	+0.1	0.53%
E21_2	438424	279243	Coombe Pool SSSI	46.2	39.4	40.5	+1.1	11.11%
E21_3	438434	279242		44.4	38.7	39.2	+0.6	5.97%
E21_4	438444	279241		43.1	38.1	38.4	+0.4	3.60%
E21_5	438454	279240		42.1	37.6	37.9	+0.2	2.38%
E21_6	438464	279240		41.3	37.3	37.4	+0.2	1.66%
E21_7	438474	279239		40.6	37.0	37.1	+0.1	1.26%
E21_8	438484	279238		40.1	36.7	36.8	+0.1	1.03%
E21_9	438494	279238		39.6	36.5	36.6	+0.1	0.86%
E21_10	438504	279237		39.2	36.3	36.4	+0.1	0.77%
E21_11	438514	279236		38.9	36.2	36.3	+0.1	0.71%
E21_12	438524	279235		38.6	36.0	36.1	+0.1	0.69%
E21_13	438534	279235		38.3	35.9	36.0	+0.1	0.67%
E21_14	438544	279234		38.1	35.8	35.9	+0.1	0.63%
E21_15	438554	279233		37.9	35.7	35.8	+0.1	0.62%
E21_16	438564	279233		37.7	35.6	35.7	+0.1	0.62%
E21_17	438574	279232		37.5	35.5	35.6	+0.1	0.59%
E21_18	438584	279231		37.3	35.5	35.5	+0.1	0.61%
E21_19	438594	279230		37.2	35.4	35.5	+0.1	0.61%
E21_20	438604	279230		37.0	35.3	35.4	+0.1	0.58%
E21_21	438606	279229		37.0	35.3	35.4	+0.1	0.61%
E6_1	437735	280392	Sowe Valley Dorchester Way LWS	23.7	22.6	22.3	-0.3	-1.41%
E6_2	437745	280393		22.7	21.9	21.7	-0.2	-1.12%
E6_3	437755	280395		22.2	21.5	21.3	-0.2	-0.98%
E6_4	437765	280396		21.9	21.3	21.1	-0.2	-0.89%
E6_5	437775	280398		21.7	21.1	21.0	-0.2	-0.84%

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E6_6	437785	280400		21.5	21.0	20.8	-0.2	-0.80%
E6_7	437794	280401		21.4	20.9	20.8	-0.2	-0.76%
E6_8	437804	280403		21.3	20.8	20.7	-0.1	-0.75%
E6_9	437814	280404		21.2	20.8	20.6	-0.1	-0.73%
E6_10	437824	280406		21.1	20.7	20.6	-0.1	-0.72%
E6_11	437832	280407		21.0	20.6	20.5	-0.1	-0.71%
E18_1	437266	276233	Willenhall Wood LNR - inc. Ancient Woodland	51.0	43.5	43.8	+0.2	2.39%
E18_2	437262	276243		45.6	40.2	40.4	+0.1	1.48%
E18_3	437259	276252		43.1	38.7	38.8	+0.1	1.03%
E18_4	437255	276261		41.5	37.7	37.8	+0.1	0.72%
E18_5	437251	276271		40.2	37.0	37.0	+0.0	0.47%
E18_6	437247	276280		39.4	36.5	36.5	+0.0	0.31%
E18_7	437244	276289		38.8	36.1	36.1	+0.0	0.18%
E18_8	437240	276298		38.2	35.8	35.8	+0.0	0.07%
E18_9	437236	276308		37.8	35.5	35.5	-0.0	-0.01%
E18_10	437232	276317		37.4	35.3	35.3	-0.0	-0.10%
E18_11	437229	276326		37.1	35.1	35.1	-0.0	-0.18%
E18_12	437225	276335		36.8	34.9	34.9	-0.0	-0.23%
E18_13	437221	276345		36.6	34.8	34.8	-0.0	-0.30%
E18_14	437217	276354		36.3	34.7	34.6	-0.0	-0.34%
E18_15	437214	276363		36.2	34.5	34.5	-0.0	-0.37%
E18_16	437210	276372		36.0	34.4	34.4	-0.0	-0.43%
E18_17	437206	276382		35.8	34.3	34.3	-0.0	-0.46%
E18_18	437202	276391		35.7	34.3	34.2	-0.0	-0.48%
E18_19	437199	276400		35.6	34.2	34.1	-0.1	-0.50%
E18_20	437195	276410		35.4	34.1	34.1	-0.1	-0.55%
E18_21	437195	276410		35.4	34.1	34.1	-0.1	-0.55%
E4b_1	435143	275599	Stonebridge Meadows LNR	52.7	43.3	43.3	+0.0	0.06%
E4b_2	435143	275609		47.6	40.5	40.5	-0.0	-0.06%
E4b_3	435143	275619		44.7	38.9	38.9	-0.0	-0.12%
E4b_4	435143	275629		42.9	37.9	37.9	-0.0	-0.21%
E4b_5	435143	275639		41.5	37.2	37.1	-0.0	-0.25%
E4b_6	435143	275649		40.5	36.6	36.6	-0.0	-0.32%
E4b_7	435143	275659		39.8	36.2	36.2	-0.0	-0.38%
E4b_8	435143	275669		39.1	35.9	35.8	-0.0	-0.42%

Receptor ¹	X	Y	Designation	Annual mean N-deposition (kgN/ha/yr)				DS-DM as % of critical load
				Base 2018	DM 2028	DS 2028	DS - DM	
E4b_9	435142	275679		38.6	35.6	35.6	-0.0	-0.45%
E4b_10	435142	275689		38.2	35.4	35.3	-0.0	-0.47%
E4b_11	435142	275699		37.8	35.2	35.1	-0.1	-0.92%
E4b_12	435142	275709		37.5	35.0	34.9	-0.1	-0.94%
E4b_13	435142	275719		37.2	34.9	34.8	-0.1	-0.95%
E4b_14	435142	275729		37.0	34.7	34.6	-0.1	-0.97%
E4b_15	435142	275739		36.8	34.6	34.5	-0.1	-0.98%
E4b_16	435142	275749		36.6	34.5	34.4	-0.1	-1.03%
E4b_17	435141	275759		36.4	34.4	34.3	-0.1	-1.04%
E4b_18	435141	275769		36.2	34.3	34.2	-0.1	-1.02%
E4b_19	435141	275779		36.1	34.2	34.1	-0.1	-1.07%
E4b_20	435141	275789		36.0	34.2	34.1	-0.1	-1.08%
E4b_21	435141	275792		35.9	34.1	34.0	-0.1	-1.08%
SP3833576796	438335	276796	Veteran Tree	41.1	38.8	38.0	-0.8	-8.33%
SP3868977180	438689	277180	Veteran Tree	37.9	35.8	36.1	+0.3	2.98%
SP3790979680	437909	279680	Veteran Tree	34.4	33.6	33.6	+0.0	0.02%
SP3847279609	438472	279609	Veteran Tree	35.0	33.8	33.8	-0.0	-0.05%

Bold denotes a change greater than 1% (+/-0.1 µg/m³) of the lower critical load (10 µg/m³)

¹Receptor ID nomenclature: 'En' references the ecological transect specific to a designated site; "_n" provides an indicator of the specific transect receptor distance from the designation boundary (e.g. 'E1_1' represents ecological transect number one (Breydon Water SSSI, SPA and Ramsar) and the specific receptor on that transect at 0m from the designation boundary. 'E1_2' represents the same designated site with the receptor at 10m within the designation boundary.

1.4. Compliance risk assessment

- 1.4.1. Receptors along four Pollutant Climate Mapping (PCM) links were modelled to predict air quality concentrations at a local level. The full modelled results are presented in Table 1.7 for the qualifying receptors and in Table 1.8 for the 4m validation points.

Table 1.7 Modelled annual mean NO₂ qualifying receptor results from the compliance risk assessment.

Receptor	X	Y	Census ID	Annual mean NO ₂ (µg/m ³)			
				Base 2018	DM 2028	DS 2028	Impact (DS-DM)
1_QF	437840.4	280877.1	802036504	37.5	20.6	20.1	-0.5
2_QF	437853.5	280864.2	802036504	35.0	19.5	19.1	-0.4
3_QF	437788.7	280825.5	802036504	37.1	20.5	19.9	-0.5
4_QF	437801.6	280812.5	802036504	35.2	19.6	19.2	-0.4
5_QF	437638.0	280680.2	802036504	33.5	18.9	18.5	-0.4
6_QF	437706.0	280633.4	802036504	28.9	17.0	16.6	-0.4
7_QF	438182.5	277967.4	802007118	29.3	16.4	16.7	+0.4
8_QF	438175.6	277952.8	802007118	24.0	14.3	14.5	+0.2
9_QF	438456.0	277781.3	802007118	31.1	16.8	17.2	+0.4
10_QF	438449.3	277770.8	802007118	26.3	15.0	15.2	+0.2
Stage2_Q5_QF	436565.6	275634.4	802073314	33.0	16.3	16.3	<0.1
Stage2_Q3_QF_a	437954.4	278189.1	802007118	31.4	17.0	16.6	-0.4
Stage2_Q3_QF_b	437947.0	278182.9	802007118	26.2	14.9	14.5	-0.3
Stage2_Q1_QF_a	438000.3	281068.8	802006490	32.0	17.8	17.5	-0.4
Stage2_Q1_QF_b	438015.5	281060.2	802006490	32.3	17.9	17.6	-0.3

Table 1.8 Modelled annual mean NO₂ 4m validation point results from the compliance risk assessment

Receptor	X	Y	Census ID	Annual mean NO ₂ (µg/m ³)		
				2028 PCM Concentration	DM 2028 Concentration	% Difference
1_4m	437838.3	280879.2	802036504	19.8	19.2	-3.0%
2_4m	437855.8	280862.3	802036504	19.8	18.3	-7.6%
3_4m	437786.4	280827.1	802036504	19.8	19.2	-3.0%
4_4m	437803.9	280810.6	802036504	19.8	18.4	-7.1%
5_4m	437636.9	280681.5	802036504	19.8	18.4	-7.1%
6_4m	437708.3	280631.5	802036504	19.8	16.4	-17.2%
7_4m	438185.5	277970.9	802007118	18.2	15.3	-15.9%
8_4m	438174	277950.2	802007118	18.2	14.0	-23.1%
9_4m	438457.3	277784.0	802007118	18.2	16.0	-12.1%
10_4m	438447.9	277768.1	802007118	18.2	14.4	-20.9%
Stage2_Q1_4m_a	437997.3	281069.8	802006490	16.6	16.7	0.6%
Stage2_Q1_4m_b	438018.1	281058.7	802006490	16.6	16.7	0.6%

Stage2_Q3_4m_a	437956.2	278191.4	802007118	18.2	15.9	-12.6%
Stage2_Q3_4m_b	437944.3	278181.4	802007118	18.2	14.0	-23.1%
Stage2_Q5_4m	436567.7	275636.6	802073314	19.1	15.6	-18.3%