


OTTERPOOL PARK

Environmental Statement Appendix 6.6: Operational Phase Air Quality Ecological Transect Results

MARCH 2022



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1 Operational Phase Ecological Transect Results in 2024, 2030 and 2044

Table 1: 2024 Annual Mean NO_x (µg m⁻³) and Change in Nitrogen Deposition (kg N ha⁻¹ yr⁻¹) at Ecological Receptors

Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
HoadsWood_AW36m	30.5	26.0	26.0	0.0	0.00	0.0
HoadsWood_AW40m	29.4	25.0	25.0	0.0	0.00	0.0
HoadsWood_AW50m	27.4	23.1	23.1	0.0	0.00	0.0
HoadsWood_AW60m	25.9	21.7	21.7	0.0	0.00	0.0
HoadsWood_AW70m	24.8	20.6	20.6	0.0	0.00	0.0
HoadsWood_AW80m	23.9	19.8	19.8	0.0	0.00	0.0
HoadsWood_AW90m	23.2	19.1	19.1	0.0	0.00	0.0
HoadsWood_AW100m	22.7	18.6	18.6	0.0	0.00	0.0
HoadsWood_AW110m	22.2	18.1	18.2	0.1	0.00	0.0
HoadsWood_AW120m	21.8	17.8	17.8	0.0	0.00	0.0
HoadsWood_AW130m	21.4	17.4	17.4	0.0	0.00	0.0
HoadsWood_AW140m	21.1	17.1	17.1	0.0	0.00	0.0
HoadsWood_AW150m	20.8	16.9	16.9	0.0	0.00	0.0
HoadsWood_AW160m	20.6	16.7	16.7	0.0	0.00	0.0

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
HoadsWood_AW170m	20.4	16.5	16.5	0.0	0.00	0.0
HoadsWood_AW180m	20.2	16.3	16.3	0.0	0.00	0.0
HoadsWood_AW190m	20.0	16.1	16.1	0.0	0.00	0.0
HoadsWood_AW200m	19.8	16.0	16.0	0.0	0.00	0.0
Unnamed_AW1_117m	22.1	18.0	18.1	0.1	0.00	0.0
Unnamed_AW1_120m	22.0	17.9	18.0	0.1	0.00	0.0
Unnamed_AW1_130m	21.6	17.6	17.6	0.0	0.00	0.0
Unnamed_AW1_140m	21.3	17.3	17.3	0.0	0.00	0.0
Unnamed_AW1_150m	21.0	17.1	17.1	0.0	0.00	0.0
Unnamed_AW1_160m	20.8	16.8	16.8	0.0	0.00	0.0
Unnamed_AW1_170m	20.6	16.6	16.6	0.0	0.00	0.0
Unnamed_AW1_180m	20.4	16.5	16.5	0.0	0.00	0.0
Unnamed_AW1_190m	20.2	16.3	16.3	0.0	0.00	0.0
Unnamed_AW1_200m	20.0	16.1	16.1	0.0	0.00	0.0
Unnamed_AW2_75m	24.2	20.0	20.0	0.0	0.00	0.0
Unnamed_AW2_80m	23.8	19.6	19.7	0.1	0.00	0.0
Unnamed_AW2_90m	23.1	19.0	19.0	0.0	0.00	0.0

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
Unnamed_AW2_100m	22.5	18.5	18.5	0.0	0.00	0.0
Unnamed_AW2_110m	22.1	18.0	18.0	0.0	0.00	0.0
Unnamed_AW2_120m	21.7	17.6	17.6	0.0	0.00	0.0
Unnamed_AW2_130m	21.3	17.3	17.3	0.0	0.00	0.0
Unnamed_AW2_140m	21.0	17.0	17.0	0.0	0.00	0.0
Unnamed_AW2_150m	20.7	16.8	16.8	0.0	0.00	0.0
Unnamed_AW2_160m	20.5	16.5	16.6	0.1	0.00	0.0
Unnamed_AW2_170m	20.3	16.3	16.4	0.1	0.00	0.0
Unnamed_AW2_180m	20.1	16.2	16.2	0.0	0.00	0.0
Unnamed_AW2_190m	19.9	16.0	16.0	0.0	0.00	0.0
Unnamed_AW2_200m	19.8	15.9	15.9	0.0	0.00	0.0
Unnamed_AW3_45m	32.7	28.2	28.2	0.0	0.00	0.0
Unnamed_AW3_50m	31.5	27.1	27.1	0.0	0.00	0.0
Unnamed_AW3_60m	29.5	25.1	25.1	0.0	0.00	0.0
Unnamed_AW3_70m	27.9	23.6	23.6	0.0	0.00	0.0
Unnamed_AW3_80m	26.7	22.5	22.5	0.0	0.00	0.0
Unnamed_AW3_90m	25.8	21.6	21.6	0.0	0.00	0.0

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
Unnamed_AW3_100m	25.0	20.8	20.8	0.0	0.00	0.0
Unnamed_AW3_110m	24.3	20.2	20.2	0.0	0.00	0.0
Unnamed_AW3_120m	23.8	19.6	19.7	0.1	0.00	0.0
Unnamed_AW3_130m	23.3	19.2	19.2	0.0	0.00	0.0
Unnamed_AW3_140m	22.9	18.8	18.8	0.0	0.00	0.0
Unnamed_AW3_150m	22.5	18.4	18.4	0.0	0.00	0.0
Unnamed_AW3_160m	22.2	18.1	18.1	0.0	0.00	0.0
Unnamed_AW3_170m	21.9	17.9	17.9	0.0	0.00	0.0
Unnamed_AW3_180m	21.6	17.6	17.6	0.0	0.00	0.0
FolkstoneEtchB1	72.9	64.3	64.4	0.1	0.01	0.1
FolkstoneEtchB2	57.0	49.0	49.1	0.1	0.01	0.0
FolkstoneEtchB3	49.1	41.6	41.7	0.1	0.01	0.0
FolkstoneEtchB4	44.2	37.1	37.2	0.1	0.01	0.0
FolkstoneEtchB5	40.8	34.1	34.1	0.0	0.00	0.0
FolkstoneEtchB6	38.3	31.8	31.9	0.1	0.00	0.0
FolkstoneEtchB7	36.5	30.2	30.2	0.0	0.00	0.0
FolkstoneEtchB8	35.1	28.9	28.9	0.0	0.00	0.0

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
FolkstoneEtchB9	33.8	27.8	27.9	0.1	0.00	0.0
FolkstoneEtchB10	32.8	26.9	26.9	0.0	0.00	0.0
FolkstoneEtchB11	31.9	26.1	26.1	0.0	0.00	0.0
FolkstoneEtchB12	31.1	25.4	25.4	0.0	0.00	0.0
FolkstoneEtchB13	30.5	24.8	24.9	0.1	0.00	0.0
FolkstoneEtchB14	28.0	22.9	22.9	0.0	0.00	0.0
FolkstoneEtchB15	27.5	22.4	22.4	0.0	0.00	0.0
FolkstoneEtchB16	27.0	22.0	22.0	0.0	0.00	0.0
FolkstoneEtchB17	26.6	21.6	21.6	0.0	0.00	0.0
FolkstoneEtchB18	26.2	21.3	21.3	0.0	0.00	0.0
FolkstoneEtchB19	25.9	21.0	21.0	0.0	0.00	0.0
FolkstoneEtchB20	25.5	20.7	20.7	0.0	0.00	0.0
HatchPark1 (Hatch Park SSSI)	29.6	25.8	25.4	-0.4	-0.03	-0.3
HP2	27.7	23.8	23.6	-0.2	-0.03	-0.3
HP3	26.3	22.4	22.3	-0.1	-0.03	-0.3
HP4	25.2	21.3	21.2	-0.1	-0.01	-0.1
HP5	24.3	20.5	20.4	-0.1	-0.01	-0.1

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
HP6	23.6	19.8	19.7	-0.1	-0.01	-0.1
HP7	23.0	19.2	19.2	0.0	-0.01	-0.1
HP8	22.5	18.7	18.7	0.0	0.00	0.0
HP9	22.0	18.3	18.3	0.0	0.00	0.0
HP10	21.7	17.9	17.9	0.0	0.00	0.0
HP11	21.3	17.6	17.6	0.0	0.00	0.0
HP12	21.0	17.3	17.3	0.0	0.00	0.0
HP13	20.8	17.1	17.1	0.0	0.00	0.0
HP14	20.5	16.9	16.9	0.0	0.00	0.0
HP15	20.3	16.7	16.7	0.0	0.00	0.0
HP16	20.1	16.5	16.5	0.0	0.00	0.0
HP17	19.9	16.3	16.3	0.0	0.00	0.0
HP20	19.7	16.1	16.1	0.0	0.00	0.0
LympneEsc1 (Lympne Escarpment SSSI)	21.8	18.4	18.4	0.0	0.00	0.0
LE2	17.5	14.5	14.4	-0.1	-0.02	-0.1
LE3	16.2	13.3	13.2	-0.1	-0.01	-0.1
LE4	15.6	12.7	12.6	-0.1	-0.02	-0.1

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
LE5	15.2	12.4	12.3	-0.1	-0.02	-0.1
LE6	15.0	12.1	12.0	-0.1	-0.02	-0.1
LE7	14.8	12.0	11.9	-0.1	-0.02	-0.1
LE8	14.7	11.9	11.8	-0.1	-0.02	-0.1
LE9	14.6	11.8	11.7	-0.1	-0.02	-0.1
LE10	14.5	11.7	11.6	-0.1	-0.02	-0.1
LE11	14.5	11.6	11.5	-0.1	-0.02	-0.1
LE12	14.4	11.6	11.5	-0.1	-0.02	-0.1
LE13	14.4	11.6	11.5	-0.1	-0.02	-0.1
LE14	14.3	11.5	11.4	-0.1	-0.02	-0.1
LE15	14.3	11.5	11.4	-0.1	-0.02	-0.1
LE16	14.3	11.5	11.4	-0.1	-0.02	-0.1
LE17	14.2	11.4	11.3	-0.1	-0.02	-0.1
LE18	14.2	11.4	11.3	-0.1	-0.02	-0.1
LE19	14.2	11.4	11.3	-0.1	-0.02	-0.1
LE20	14.2	11.4	11.3	-0.1	-0.02	-0.1
FolksWood1 (Ancient Woodland)	40.5	39.0	48.0	9.0	1.32	13.2

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
FW2	25.9	23.3	26.7	3.4	0.55	5.5
FW3	22.3	19.4	21.6	2.2	0.34	3.4
FW4	20.6	17.6	19.2	1.6	0.25	2.5
FW5	19.6	16.6	17.8	1.2	0.20	2.0
FW6	18.9	15.9	16.9	1.0	0.16	1.6
FW7	18.4	15.4	16.2	0.8	0.14	1.4
FW8	18.0	15.0	15.7	0.7	0.12	1.2
FW9	17.7	14.7	15.3	0.6	0.10	1.0
FW10	17.5	14.4	15.0	0.6	0.09	0.9
FW11	17.3	14.2	14.7	0.5	0.08	0.8
FW12	17.1	14.1	14.5	0.4	0.07	0.7
FW13	17.0	13.9	14.3	0.4	0.06	0.6
FW14	16.8	13.8	14.1	0.3	0.06	0.6
FW15	16.7	13.7	14.0	0.3	0.05	0.5
FW16	16.6	13.6	13.9	0.3	0.05	0.5
FW17	16.6	13.5	13.8	0.3	0.04	0.4
FW18	16.5	13.4	13.6	0.2	0.04	0.4

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
FW19	16.4	13.3	13.6	0.3	0.04	0.4
FW20	16.3	13.3	13.5	0.2	0.03	0.3
FW21	16.3	13.2	13.4	0.2	0.03	0.3
AshfordGreenCorridorsA2070LNR	36.0	29.8	29.8	0.0	0.01	0.1
AshfordGreenCorridorsA2070LNR	31.7	26.4	26.4	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	27.8	23.1	23.2	0.1	0.00	0.0
AshfordGreenCorridorsA2070LNR	25.6	21.3	21.3	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	24.3	20.1	20.1	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	23.3	19.3	19.3	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	22.6	18.7	18.7	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	22.1	18.2	18.2	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	21.7	17.8	17.9	0.1	0.00	0.0
AshfordGreenCorridorsA2070LNR	21.4	17.5	17.5	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	21.1	17.3	17.3	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	20.8	17.1	17.1	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	20.6	16.9	16.9	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	20.5	16.7	16.7	0.0	0.00	0.0

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
AshfordGreenCorridorsA2070LNR	20.3	16.6	16.6	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	20.2	16.5	16.5	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	20.1	16.3	16.4	0.1	0.00	0.0
AshfordGreenCorridorsA2070LNR	20.0	16.2	16.3	0.1	0.00	0.0
AshfordGreenCorridorsA2070LNR	19.9	16.2	16.2	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	19.8	16.1	16.1	0.0	0.00	0.0
AshfordGreenCorridorsM20E20m	57.0	49.2	49.3	0.1	0.01	0.1
AshfordGreenCorridorsM20E30m	48.3	41.2	41.2	0.0	0.01	0.1
AshfordGreenCorridorsM20E40m	43.3	36.6	36.6	0.0	0.01	0.1
AshfordGreenCorridorsM20E50m	40.0	33.5	33.6	0.1	0.01	0.1
AshfordGreenCorridorsM20E60m	37.7	31.4	31.4	0.0	0.01	0.1
AshfordGreenCorridorsM20E70m	36.0	29.8	29.8	0.0	0.00	0.0
AshfordGreenCorridorsM20E80m	34.6	28.5	28.6	0.1	0.00	0.0
AshfordGreenCorridorsM20E90m	33.5	27.5	27.6	0.1	0.00	0.0
AshfordGreenCorridorsM20E100m	32.6	26.7	26.7	0.0	0.00	0.0
AshfordGreenCorridorsM20E110m	31.8	26.0	26.0	0.0	0.00	0.0
AshfordGreenCorridorsM20E120m	31.2	25.4	25.5	0.1	0.00	0.0

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	Base 2018	DM 2024	DS 2024	Impact		
AshfordGreenCorridorsM20E130m	30.7	24.9	25.0	0.1	0.00	0.0
AshfordGreenCorridorsM20E140m	30.2	24.5	24.5	0.0	0.00	0.0
AshfordGreenCorridorsM20E150m	29.7	24.1	24.1	0.0	0.00	0.0
AshfordGreenCorridorsM20E160m	29.4	23.8	23.8	0.0	0.00	0.0
AshfordGreenCorridorsM20E170m	29.0	23.4	23.5	0.1	0.00	0.0
AshfordGreenCorridorsM20E180m	28.7	23.2	23.2	0.0	0.00	0.0
AshfordGreenCorridorsM20E190m	28.4	22.9	22.9	0.0	0.00	0.0
AshfordGreenCorridorsM20E200m	28.2	22.7	22.7	0.0	0.00	0.0
AshfordGreenCorridorsM20W22m	54.1	46.5	46.6	0.1	0.01	0.1
AshfordGreenCorridorsM20W30m	47.7	40.6	40.7	0.1	0.01	0.1
AshfordGreenCorridorsM20W40m	42.9	36.2	36.2	0.0	0.01	0.1
AshfordGreenCorridorsM20W50m	39.7	33.3	33.3	0.0	0.01	0.1
AshfordGreenCorridorsM20W60m	37.5	31.2	31.2	0.0	0.01	0.1
AshfordGreenCorridorsM20W70m	35.8	29.6	29.7	0.1	0.00	0.0
AshfordGreenCorridorsM20W80m	34.4	28.4	28.4	0.0	0.00	0.0
AshfordGreenCorridorsM20W90m	33.4	27.4	27.4	0.0	0.01	0.1
AshfordGreenCorridorsM20W100m	32.5	26.6	26.6	0.0	0.00	0.0

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	Base 2018	DM 2024	DS 2024	Impact		
AshfordGreenCorridorsM20W110m	31.7	25.9	26.0	0.1	0.00	0.0
AshfordGreenCorridorsM20W120m	31.1	25.3	25.4	0.1	0.00	0.0
AshfordGreenCorridorsM20W130m	30.6	24.8	24.9	0.1	0.00	0.0
AshfordGreenCorridorsM20W140m	30.1	24.4	24.4	0.0	0.00	0.0
LympneEscarpmentSSSI_E40m	16.3	13.3	13.3	0.0	0.00	0.0
LympneEscarpmentSSSI_E50m	15.9	12.9	12.8	-0.1	0.00	0.0
LympneEscarpmentSSSI_E60m	15.5	12.6	12.6	0.0	0.00	0.0
LympneEscarpmentSSSI_E70m	15.3	12.4	12.3	-0.1	0.00	0.0
LympneEscarpmentSSSI_E80m	15.1	12.2	12.2	0.0	0.00	0.0
LympneEscarpmentSSSI_E90m	15.0	12.1	12.0	-0.1	0.00	0.0
LympneEscarpmentSSSI_E100m	14.9	12.0	11.9	-0.1	-0.01	0.0
LympneEscarpmentSSSI_E110m	14.8	11.9	11.8	-0.1	0.00	0.0
LympneEscarpmentSSSI_E120m	14.7	11.8	11.8	0.0	0.00	0.0
LympneEscarpmentSSSI_E130m	14.6	11.8	11.7	-0.1	0.00	0.0
LympneEscarpmentSSSI_E140m	14.6	11.7	11.7	0.0	0.00	0.0
LympneEscarpmentSSSI_E150m	14.5	11.7	11.6	-0.1	0.00	0.0
LympneEscarpmentSSSI_E160m	14.5	11.6	11.6	0.0	0.00	0.0

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
LympneEscarpmentSSSI_E170m	14.4	11.6	11.5	-0.1	-0.01	0.0
LympneEscarpmentSSSI_E180m	14.4	11.6	11.5	-0.1	-0.01	0.0
LympneEscarpmentSSSI_E190m	14.4	11.5	11.5	0.0	0.00	0.0
LympneEscarpmentSSSI_E200m	14.3	11.5	11.4	-0.1	0.00	0.0
ParkWoodAW31m	32.1	26.8	27.5	0.7	0.10	1.0
ParkWoodAW40m	28.9	24.0	24.5	0.5	0.08	0.8
ParkWoodAW50m	26.7	22.1	22.5	0.4	0.07	0.7
ParkWoodAW60m	25.2	20.8	21.1	0.3	0.05	0.5
ParkWoodAW70m	22.9	18.8	19.1	0.3	0.05	0.5
ParkWoodAW80m	22.0	18.0	18.3	0.3	0.04	0.4
ParkWoodAW90m	21.2	17.4	17.6	0.2	0.04	0.4
ParkWoodAW100m	20.6	16.9	17.1	0.2	0.03	0.3
ParkWoodAW110m	20.1	16.4	16.6	0.2	0.03	0.3
ParkWoodAW120m	19.7	16.0	16.2	0.2	0.03	0.3
ParkWoodAW130m	19.3	15.7	15.8	0.1	0.02	0.2
ParkWoodAW140m	19.0	15.4	15.5	0.1	0.02	0.2
ParkWoodAW150m	18.7	15.1	15.3	0.2	0.02	0.2

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
ParkWoodAW160m	18.4	14.9	15.0	0.1	0.02	0.2
ParkWoodAW170m	18.2	14.7	14.8	0.1	0.02	0.2
ParkWoodAW180m	18.0	14.5	14.6	0.1	0.02	0.2
ParkWoodAW190m	17.8	14.4	14.5	0.1	0.02	0.2
ParkWoodAW200m	17.6	14.2	14.3	0.1	0.01	0.1
KilnWoodAW175m	19.4	15.9	16.0	0.1	0.02	0.2
KilnWoodAW180m	19.4	15.9	16.0	0.1	0.02	0.2
KilnWoodAW190m	19.3	15.8	15.9	0.1	0.01	0.1
KilnWoodAW200m	19.3	15.8	15.9	0.1	0.01	0.1
HouseWoodAW157m	24.2	19.9	20.1	0.2	0.04	0.4
HouseWoodAW160m	24.2	19.8	20.1	0.3	0.04	0.4
HouseWoodAW170m	24.1	19.7	20.0	0.3	0.03	0.3
HouseWoodAW180m	24.0	19.6	19.9	0.3	0.03	0.3
HouseWoodAW190m	23.9	19.6	19.8	0.2	0.03	0.3
HouseWoodAW200m	23.8	19.5	19.7	0.2	0.03	0.3
BartholemewsWoodAW5m	30.2	24.5	24.4	-0.1	-0.01	-0.1
BartholemewsWoodAW10m	27.2	22.1	22.0	-0.1	0.00	0.0

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
BartholemewsWoodAW20m	24.4	19.8	19.8	0.0	0.00	0.0
BartholemewsWoodAW30m	23.3	18.9	18.9	0.0	0.00	0.0
BartholemewsWoodAW40m	22.6	18.4	18.4	0.0	0.00	0.0
BartholemewsWoodAW50m	22.2	18.0	18.1	0.1	0.01	0.1
BartholemewsWoodAW60m	21.9	17.8	17.8	0.0	0.01	0.1
BartholemewsWoodAW70m	21.7	17.6	17.6	0.0	0.01	0.1
BartholemewsWoodAW80m	21.5	17.4	17.5	0.1	0.01	0.1
BartholemewsWoodAW90m	21.3	17.3	17.3	0.0	0.01	0.1
BartholemewsWoodAW100m	21.2	17.2	17.2	0.0	0.01	0.1
BartholemewsWoodAW110m	21.0	17.0	17.1	0.1	0.01	0.1
BartholemewsWoodAW120m	20.9	16.9	17.0	0.1	0.01	0.1
BartholemewsWoodAW130m	20.8	16.9	16.9	0.0	0.01	0.1
BartholemewsWoodAW140m	20.7	16.8	16.8	0.0	0.01	0.1
BartholemewsWoodAW150m	20.6	16.7	16.7	0.0	0.01	0.1
BartholemewsWoodAW160m	20.6	16.6	16.7	0.1	0.01	0.1
BartholemewsWoodAW170m	20.5	16.5	16.6	0.1	0.01	0.1
BartholemewsWoodAW180m	20.4	16.5	16.5	0.0	0.01	0.1

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
BartholemewsWoodAW190m	20.3	16.4	16.5	0.1	0.01	0.1
BartholemewsWoodAW200m	20.3	16.4	16.4	0.0	0.01	0.1
CowtyeWoodAW_N10m	23.8	19.4	19.3	-0.1	-0.01	-0.1
CowtyeWoodAW_N20m	22.1	17.9	17.9	0.0	0.00	0.0
CowtyeWoodAW_N30m	21.2	17.2	17.1	-0.1	0.00	0.0
CowtyeWoodAW_N40m	20.7	16.7	16.7	0.0	0.00	0.0
CowtyeWoodAW_N50m	20.4	16.5	16.5	0.0	0.00	0.0
CowtyeWoodAW_N60m	20.2	16.3	16.3	0.0	0.00	0.0
CowtyeWoodAW_N70m	20.0	16.1	16.1	0.0	0.00	0.0
CowtyeWoodAW_N80m	19.8	16.0	16.0	0.0	0.00	0.0
CowtyeWoodAW_N90m	19.7	15.9	15.9	0.0	0.00	0.0
CowtyeWoodAW_N100m	19.6	15.8	15.8	0.0	0.00	0.0
CowtyeWoodAW_N110m	19.5	15.7	15.7	0.0	0.00	0.0
CowtyeWoodAW_N120m	19.4	15.6	15.6	0.0	0.00	0.0
CowtyeWoodAW_N130m	19.3	15.5	15.6	0.1	0.00	0.0
CowtyeWoodAW_N140m	19.3	15.5	15.5	0.0	0.00	0.0
CowtyeWoodAW_N150m	19.2	15.4	15.4	0.0	0.00	0.0

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
CowtyeWoodAW_N160m	19.1	15.4	15.4	0.0	0.00	0.0
CowtyeWoodAW_N170m	19.1	15.3	15.3	0.0	0.00	0.0
CowtyeWoodAW_N180m	19.0	15.3	15.3	0.0	0.00	0.0
CowtyeWoodAW_N190m	18.9	15.2	15.2	0.0	0.00	0.0
CowtyeWoodAW_N200m	18.9	15.2	15.2	0.0	0.00	0.0
CowtyeWoodAW_S10m	23.4	19.1	19.1	0.0	0.00	0.0
CowtyeWoodAW_S20m	22.0	17.9	17.9	0.0	0.00	0.0
CowtyeWoodAW_S30m	21.5	17.5	17.5	0.0	0.00	0.0
CowtyeWoodAW_S40m	21.3	17.3	17.3	0.0	0.00	0.0
CowtyeWoodAW_S50m	21.2	17.2	17.2	0.0	0.00	0.0
CowtyeWoodAW_S60m	21.1	17.1	17.1	0.0	0.00	0.0
CowtyeWoodAW_S70m	21.1	17.1	17.1	0.0	0.00	0.0
CowtyeWoodAW_S80m	21.1	17.1	17.2	0.1	0.00	0.0
CowtyeWoodAW_S90m	21.2	17.2	17.2	0.0	0.00	0.0
CowtyeWoodAW_S100m	21.2	17.2	17.3	0.1	0.01	0.1
CowtyeWoodAW_S110m	21.3	17.3	17.3	0.0	0.00	0.0
CowtyeWoodAW_S120m	21.4	17.4	17.4	0.0	0.01	0.1

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
CowtyeWoodAW_S130m	21.5	17.5	17.5	0.0	0.01	0.1
CowtyeWoodAW_S140m	21.6	17.5	17.6	0.1	0.01	0.1
CowtyeWoodAW_S150m	21.7	17.6	17.7	0.1	0.00	0.0
CowtyeWoodAW_S160m	21.8	17.7	17.8	0.1	0.01	0.1
CowtyeWoodAW_S170m	21.9	17.9	17.9	0.0	0.01	0.1
CowtyeWoodAW_S180m	22.0	18.0	18.0	0.0	0.00	0.0
CowtyeWoodAW_S190m	22.2	18.1	18.1	0.0	0.01	0.1
CowtyeWoodAW_S200m	22.3	18.2	18.3	0.1	0.01	0.1
GrangeAldersOakBanksAW_W170m	24.9	20.6	20.6	0.0	0.01	0.1
GrangeAldersOakBanksAW_W180m	24.4	20.1	20.2	0.1	0.01	0.1
GrangeAldersOakBanksAW_W190m	24.0	19.7	19.8	0.1	0.00	0.0
GrangeAldersOakBanksAW_W200m	23.6	19.4	19.4	0.0	0.01	0.1
HarringeBrooksWoodAW_LWS176m	15.2	12.1	12.1	0.0	-0.01	-0.1
HarringeBrooksWoodAW_LWS180m	15.2	12.1	12.1	0.0	-0.01	-0.1
HarringeBrooksWoodAW_LWS190m	15.2	12.1	12.1	0.0	0.00	0.0
HarringeBrooksWoodAW_LWS200m	15.2	12.1	12.1	0.0	-0.01	-0.1
KillingWood_AW48m	21.4	17.2	17.2	0.0	0.00	0.0

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
KillingWood_AW50m	21.3	17.1	17.2	0.1	0.00	0.0
KillingWood_AW60m	20.9	16.8	16.8	0.0	0.00	0.0
KillingWood_AW70m	20.7	16.6	16.6	0.0	0.00	0.0
KillingWood_AW80m	21.1	16.9	16.9	0.0	0.00	0.0
KillingWood_AW90m	20.9	16.7	16.8	0.1	0.00	0.0
KillingWood_AW100m	20.8	16.6	16.6	0.0	0.00	0.0
KillingWood_AW110m	20.7	16.6	16.6	0.0	0.00	0.0
KillingWood_AW120m	20.6	16.5	16.5	0.0	0.00	0.0
KillingWood_AW130m	20.5	16.4	16.4	0.0	0.00	0.0
KillingWood_AW140m	20.5	16.4	16.4	0.0	0.00	0.0
KillingWood_AW150m	20.4	16.4	16.4	0.0	0.00	0.0
KillingWood_AW160m	20.4	16.3	16.3	0.0	0.00	0.0
KillingWood_AW170m	20.4	16.3	16.3	0.0	0.00	0.0
KillingWood_AW180m	20.4	16.3	16.3	0.0	0.00	0.0
KillingWood_AW190m	20.4	16.3	16.3	0.0	0.00	0.0
KillingWood_AW200m	20.4	16.3	16.3	0.0	0.00	0.0
PerryWood_AW132m	27.7	23.1	23.4	0.3	0.04	0.4

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2024	DS 2024	Impact		
PerryWood_AW140m	27.3	22.8	23.0	0.2	0.04	0.4
PerryWood_AW150m	26.9	22.3	22.6	0.3	0.04	0.4
PerryWood_AW160m	26.4	21.9	22.2	0.3	0.04	0.4
PerryWood_AW170m	26.0	21.6	21.8	0.2	0.03	0.3
PerryWood_AW180m	25.7	21.2	21.4	0.2	0.03	0.3
PerryWood_AW190m	25.3	20.9	21.1	0.2	0.03	0.3
PerryWood_AW200m	25.0	20.7	20.8	0.1	0.03	0.3

DM = Do-Minimum (without proposed development); DS = Do-Something (with proposed development); Impact = DS – DM

Bold denotes that the change is >1% of the critical level for NO_x and/or >1% of lower critical load.

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Table 2: 2030 Annual Mean NO_x (µg m⁻³) and Change in Nitrogen Deposition (kg N ha⁻¹ yr⁻¹) at Ecological Receptors

Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
HoadsWood_AW36m	30.5	22.5	22.5	0.0	0.00	0.0
HoadsWood_AW40m	29.4	21.6	21.6	0.0	0.01	0.1
HoadsWood_AW50m	27.4	19.9	19.9	0.0	0.00	0.0
HoadsWood_AW60m	25.9	18.6	18.7	0.1	0.00	0.0
HoadsWood_AW70m	24.8	17.7	17.8	0.1	0.00	0.0
HoadsWood_AW80m	23.9	17.0	17.0	0.0	0.00	0.0
HoadsWood_AW90m	23.2	16.5	16.5	0.0	0.00	0.0
HoadsWood_AW100m	22.7	16.0	16.0	0.0	0.00	0.0
HoadsWood_AW110m	22.2	15.6	15.6	0.0	0.00	0.0
HoadsWood_AW120m	21.8	15.3	15.3	0.0	0.00	0.0
HoadsWood_AW130m	21.4	15.0	15.0	0.0	0.00	0.0
HoadsWood_AW140m	21.1	14.7	14.7	0.0	0.00	0.0
HoadsWood_AW150m	20.8	14.5	14.5	0.0	0.00	0.0
HoadsWood_AW160m	20.6	14.3	14.3	0.0	0.00	0.0
HoadsWood_AW170m	20.4	14.1	14.2	0.1	0.00	0.0
HoadsWood_AW180m	20.2	14.0	14.0	0.0	0.00	0.0

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
HoadsWood_AW190m	20.0	13.8	13.9	0.1	0.00	0.0
HoadsWood_AW200m	19.8	13.7	13.7	0.0	0.00	0.0
Unnamed_AW1_117m	22.1	15.5	15.5	0.0	0.00	0.0
Unnamed_AW1_120m	22.0	15.4	15.4	0.0	0.00	0.0
Unnamed_AW1_130m	21.6	15.1	15.1	0.0	0.00	0.0
Unnamed_AW1_140m	21.3	14.9	14.9	0.0	0.00	0.0
Unnamed_AW1_150m	21.0	14.7	14.7	0.0	0.00	0.0
Unnamed_AW1_160m	20.8	14.5	14.5	0.0	0.00	0.0
Unnamed_AW1_170m	20.6	14.3	14.3	0.0	0.00	0.0
Unnamed_AW1_180m	20.4	14.1	14.2	0.1	0.00	0.0
Unnamed_AW1_190m	20.2	14.0	14.0	0.0	0.00	0.0
Unnamed_AW1_200m	20.0	13.9	13.9	0.0	0.00	0.0
Unnamed_AW2_75m	24.2	17.2	17.3	0.1	0.00	0.0
Unnamed_AW2_80m	23.8	16.9	16.9	0.0	0.00	0.0
Unnamed_AW2_90m	23.1	16.3	16.3	0.0	0.00	0.0
Unnamed_AW2_100m	22.5	15.9	15.9	0.0	0.00	0.0
Unnamed_AW2_110m	22.1	15.5	15.5	0.0	0.00	0.0

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
Unnamed_AW2_120m	21.7	15.1	15.2	0.1	0.00	0.0
Unnamed_AW2_130m	21.3	14.9	14.9	0.0	0.00	0.0
Unnamed_AW2_140m	21.0	14.6	14.6	0.0	0.00	0.0
Unnamed_AW2_150m	20.7	14.4	14.4	0.0	0.00	0.0
Unnamed_AW2_160m	20.5	14.2	14.2	0.0	0.00	0.0
Unnamed_AW2_170m	20.3	14.0	14.1	0.1	0.00	0.0
Unnamed_AW2_180m	20.1	13.9	13.9	0.0	0.00	0.0
Unnamed_AW2_190m	19.9	13.8	13.8	0.0	0.00	0.0
Unnamed_AW2_200m	19.8	13.6	13.6	0.0	0.00	0.0
Unnamed_AW3_45m	32.7	24.4	24.4	0.0	0.01	0.1
Unnamed_AW3_50m	31.5	23.4	23.4	0.0	0.01	0.1
Unnamed_AW3_60m	29.5	21.6	21.7	0.1	0.00	0.0
Unnamed_AW3_70m	27.9	20.3	20.4	0.1	0.00	0.0
Unnamed_AW3_80m	26.7	19.3	19.4	0.1	0.00	0.0
Unnamed_AW3_90m	25.8	18.5	18.6	0.1	0.00	0.0
Unnamed_AW3_100m	25.0	17.9	17.9	0.0	0.00	0.0
Unnamed_AW3_110m	24.3	17.3	17.4	0.1	0.00	0.0

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
Unnamed_AW3_120m	23.8	16.9	16.9	0.0	0.00	0.0
Unnamed_AW3_130m	23.3	16.5	16.5	0.0	0.00	0.0
Unnamed_AW3_140m	22.9	16.1	16.2	0.1	0.00	0.0
Unnamed_AW3_150m	22.5	15.8	15.9	0.1	0.00	0.0
Unnamed_AW3_160m	22.2	15.6	15.6	0.0	0.00	0.0
Unnamed_AW3_170m	21.9	15.3	15.4	0.1	0.00	0.0
Unnamed_AW3_180m	21.6	15.1	15.1	0.0	0.00	0.0
FolkstoneEtchB1	72.9	55.9	56.8	0.9	0.06	0.4
FolkstoneEtchB2	57.0	42.5	43.0	0.5	0.04	0.3
FolkstoneEtchB3	49.1	36.0	36.4	0.4	0.03	0.2
FolkstoneEtchB4	44.2	32.0	32.4	0.4	0.03	0.2
FolkstoneEtchB5	40.8	29.4	29.7	0.3	0.02	0.1
FolkstoneEtchB6	38.3	27.4	27.7	0.3	0.02	0.1
FolkstoneEtchB7	36.5	26.0	26.2	0.2	0.02	0.1
FolkstoneEtchB8	35.1	24.9	25.1	0.2	0.01	0.1
FolkstoneEtchB9	33.8	24.0	24.1	0.1	0.01	0.1
FolkstoneEtchB10	32.8	23.2	23.3	0.1	0.01	0.1

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
FolkstoneEtchB11	31.9	22.5	22.6	0.1	0.01	0.1
FolkstoneEtchB12	31.1	21.9	22.0	0.1	0.01	0.1
FolkstoneEtchB13	30.5	21.4	21.5	0.1	0.01	0.1
FolkstoneEtchB14	28.0	19.7	19.8	0.1	0.01	0.1
FolkstoneEtchB15	27.5	19.3	19.4	0.1	0.01	0.1
FolkstoneEtchB16	27.0	18.9	19.0	0.1	0.01	0.1
FolkstoneEtchB17	26.6	18.6	18.7	0.1	0.01	0.1
FolkstoneEtchB18	26.2	18.3	18.4	0.1	0.01	0.1
FolkstoneEtchB19	25.9	18.1	18.2	0.1	0.01	0.1
FolkstoneEtchB20	25.5	17.8	17.9	0.1	0.01	0.1
HatchPark1 (Hatch Park SSSI)	29.6	22.1	22.1	0.0	0.00	0.0
HP2	27.7	20.4	20.4	0.0	0.00	0.0
HP3	26.3	19.2	19.3	0.1	0.01	0.1
HP4	25.2	18.3	18.3	0.0	0.01	0.1
HP5	24.3	17.5	17.6	0.1	0.01	0.1
HP6	23.6	17.0	17.0	0.0	0.01	0.1
HP7	23.0	16.5	16.6	0.1	0.01	0.1

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
HP8	22.5	16.1	16.1	0.0	0.01	0.1
HP9	22.0	15.7	15.8	0.1	0.01	0.1
HP10	21.7	15.4	15.5	0.1	0.01	0.1
HP11	21.3	15.1	15.2	0.1	0.01	0.1
HP12	21.0	14.9	14.9	0.0	0.01	0.1
HP13	20.8	14.7	14.7	0.0	0.01	0.1
HP14	20.5	14.5	14.5	0.0	0.01	0.1
HP15	20.3	14.3	14.3	0.0	0.01	0.1
HP16	20.1	14.1	14.2	0.1	0.01	0.1
HP17	19.9	14.0	14.0	0.0	0.01	0.1
HP20	19.7	13.8	13.9	0.1	0.01	0.1
LympneEsc1 (Lympne Escarpment SSSI)	21.8	16.1	16.6	0.5	0.03	0.2
LE2	17.5	12.6	12.7	0.1	0.02	0.1
LE3	16.2	11.5	11.5	0.0	0.01	0.0
LE4	15.6	11.0	11.0	0.0	0.00	0.0
LE5	15.2	10.7	10.7	0.0	0.00	0.0
LE6	15.0	10.5	10.4	-0.1	-0.01	0.0

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
LE7	14.8	10.3	10.3	0.0	-0.01	0.0
LE8	14.7	10.2	10.2	0.0	-0.01	0.0
LE9	14.6	10.1	10.1	0.0	-0.01	0.0
LE10	14.5	10.1	10.0	-0.1	-0.01	-0.1
LE11	14.5	10.0	10.0	0.0	-0.01	0.0
LE12	14.4	10.0	9.9	-0.1	-0.01	-0.1
LE13	14.4	10.0	9.9	-0.1	-0.01	-0.1
LE14	14.3	9.9	9.9	0.0	-0.01	-0.1
LE15	14.3	9.9	9.8	-0.1	-0.01	-0.1
LE16	14.3	9.9	9.8	-0.1	-0.01	-0.1
LE17	14.2	9.9	9.8	-0.1	-0.01	-0.1
LE18	14.2	9.8	9.8	0.0	-0.01	-0.1
LE19	14.2	9.8	9.8	0.0	-0.01	-0.1
LE20	14.2	9.8	9.7	-0.1	-0.01	-0.1
FolksWood1 (Ancient Woodland)	40.5	34.9	44.9	10.0	1.54	15.4
FW2	25.9	20.3	23.8	3.5	0.57	5.7
FW3	22.3	16.8	18.9	2.1	0.35	3.5

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
FW4	20.6	15.2	16.8	1.6	0.25	2.5
FW5	19.6	14.3	15.5	1.2	0.20	2.0
FW6	18.9	13.7	14.7	1.0	0.16	1.6
FW7	18.4	13.2	14.0	0.8	0.14	1.4
FW8	18.0	12.9	13.6	0.7	0.12	1.2
FW9	17.7	12.6	13.2	0.6	0.10	1.0
FW10	17.5	12.4	13.0	0.6	0.09	0.9
FW11	17.3	12.3	12.7	0.4	0.08	0.8
FW12	17.1	12.1	12.5	0.4	0.07	0.7
FW13	17.0	12.0	12.4	0.4	0.07	0.7
FW14	16.8	11.9	12.2	0.3	0.06	0.6
FW15	16.7	11.8	12.1	0.3	0.06	0.6
FW16	16.6	11.7	12.0	0.3	0.05	0.5
FW17	16.6	11.6	11.9	0.3	0.05	0.5
FW18	16.5	11.5	11.8	0.3	0.04	0.4
FW19	16.4	11.5	11.7	0.2	0.04	0.4
FW20	16.3	11.4	11.6	0.2	0.04	0.4

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
FW21	16.3	11.4	11.6	0.2	0.04	0.4
AshfordGreenCorridorsA2070LNR	36.0	26.8	27.0	0.2	0.02	0.2
AshfordGreenCorridorsA2070LNR	31.7	23.5	23.6	0.1	0.02	0.2
AshfordGreenCorridorsA2070LNR	27.8	20.3	20.4	0.1	0.01	0.1
AshfordGreenCorridorsA2070LNR	25.6	18.6	18.7	0.1	0.01	0.1
AshfordGreenCorridorsA2070LNR	24.3	17.5	17.5	0.0	0.01	0.1
AshfordGreenCorridorsA2070LNR	23.3	16.7	16.8	0.1	0.01	0.1
AshfordGreenCorridorsA2070LNR	22.6	16.1	16.2	0.1	0.01	0.1
AshfordGreenCorridorsA2070LNR	22.1	15.7	15.8	0.1	0.01	0.1
AshfordGreenCorridorsA2070LNR	21.7	15.4	15.4	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	21.4	15.1	15.1	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	21.1	14.9	14.9	0.0	0.01	0.1
AshfordGreenCorridorsA2070LNR	20.8	14.7	14.7	0.0	0.01	0.1
AshfordGreenCorridorsA2070LNR	20.6	14.5	14.5	0.0	0.01	0.1
AshfordGreenCorridorsA2070LNR	20.5	14.4	14.4	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	20.3	14.2	14.3	0.1	0.00	0.0
AshfordGreenCorridorsA2070LNR	20.2	14.1	14.2	0.1	0.00	0.0

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
AshfordGreenCorridorsA2070LNR	20.1	14.0	14.1	0.1	0.00	0.0
AshfordGreenCorridorsA2070LNR	20.0	13.9	14.0	0.1	0.00	0.0
AshfordGreenCorridorsA2070LNR	19.9	13.9	13.9	0.0	0.00	0.0
AshfordGreenCorridorsA2070LNR	19.8	13.8	13.8	0.0	0.00	0.0
AshfordGreenCorridorsM20E20m	57.0	43.0	43.2	0.2	0.04	0.4
AshfordGreenCorridorsM20E30m	48.3	35.8	35.9	0.1	0.03	0.3
AshfordGreenCorridorsM20E40m	43.3	31.6	31.8	0.2	0.02	0.2
AshfordGreenCorridorsM20E50m	40.0	29.0	29.1	0.1	0.02	0.2
AshfordGreenCorridorsM20E60m	37.7	27.1	27.2	0.1	0.01	0.1
AshfordGreenCorridorsM20E70m	36.0	25.7	25.7	0.0	0.01	0.1
AshfordGreenCorridorsM20E80m	34.6	24.6	24.6	0.0	0.01	0.1
AshfordGreenCorridorsM20E90m	33.5	23.7	23.8	0.1	0.01	0.1
AshfordGreenCorridorsM20E100m	32.6	23.0	23.0	0.0	0.01	0.1
AshfordGreenCorridorsM20E110m	31.8	22.4	22.4	0.0	0.01	0.1
AshfordGreenCorridorsM20E120m	31.2	21.9	21.9	0.0	0.01	0.1
AshfordGreenCorridorsM20E130m	30.7	21.4	21.5	0.1	0.01	0.1
AshfordGreenCorridorsM20E140m	30.2	21.0	21.1	0.1	0.01	0.1

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
AshfordGreenCorridorsM20E150m	29.7	20.7	20.7	0.0	0.00	0.0
AshfordGreenCorridorsM20E160m	29.4	20.4	20.4	0.0	0.01	0.1
AshfordGreenCorridorsM20E170m	29.0	20.1	20.2	0.1	0.01	0.1
AshfordGreenCorridorsM20E180m	28.7	19.9	19.9	0.0	0.00	0.0
AshfordGreenCorridorsM20E190m	28.4	19.7	19.7	0.0	0.00	0.0
AshfordGreenCorridorsM20E200m	28.2	19.5	19.5	0.0	0.01	0.1
AshfordGreenCorridorsM20W22m	54.1	40.6	40.8	0.2	0.03	0.3
AshfordGreenCorridorsM20W30m	47.7	35.3	35.4	0.1	0.03	0.3
AshfordGreenCorridorsM20W40m	42.9	31.3	31.4	0.1	0.02	0.2
AshfordGreenCorridorsM20W50m	39.7	28.7	28.8	0.1	0.02	0.2
AshfordGreenCorridorsM20W60m	37.5	26.9	27.0	0.1	0.02	0.2
AshfordGreenCorridorsM20W70m	35.8	25.5	25.6	0.1	0.01	0.1
AshfordGreenCorridorsM20W80m	34.4	24.4	24.5	0.1	0.01	0.1
AshfordGreenCorridorsM20W90m	33.4	23.6	23.6	0.0	0.01	0.1
AshfordGreenCorridorsM20W100m	32.5	22.9	22.9	0.0	0.01	0.1
AshfordGreenCorridorsM20W110m	31.7	22.3	22.3	0.0	0.01	0.1
AshfordGreenCorridorsM20W120m	31.1	21.8	21.8	0.0	0.01	0.1

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
AshfordGreenCorridorsM20W130m	30.6	21.4	21.4	0.0	0.01	0.1
AshfordGreenCorridorsM20W140m	30.1	21.0	21.0	0.0	0.01	0.1
LympneEscarpmentSSSI_E40m	16.3	11.5	11.6	0.1	0.01	0.1
LympneEscarpmentSSSI_E50m	15.9	11.2	11.2	0.0	0.01	0.0
LympneEscarpmentSSSI_E60m	15.5	10.9	10.9	0.0	0.00	0.0
LympneEscarpmentSSSI_E70m	15.3	10.7	10.7	0.0	0.00	0.0
LympneEscarpmentSSSI_E80m	15.1	10.6	10.6	0.0	0.00	0.0
LympneEscarpmentSSSI_E90m	15.0	10.4	10.5	0.1	0.00	0.0
LympneEscarpmentSSSI_E100m	14.9	10.3	10.4	0.1	0.00	0.0
LympneEscarpmentSSSI_E110m	14.8	10.3	10.3	0.0	0.00	0.0
LympneEscarpmentSSSI_E120m	14.7	10.2	10.2	0.0	0.00	0.0
LympneEscarpmentSSSI_E130m	14.6	10.1	10.1	0.0	0.00	0.0
LympneEscarpmentSSSI_E140m	14.6	10.1	10.1	0.0	0.00	0.0
LympneEscarpmentSSSI_E150m	14.5	10.1	10.0	-0.1	0.00	0.0
LympneEscarpmentSSSI_E160m	14.5	10.0	10.0	0.0	0.00	0.0
LympneEscarpmentSSSI_E170m	14.4	10.0	10.0	0.0	0.00	0.0
LympneEscarpmentSSSI_E180m	14.4	10.0	9.9	-0.1	0.00	0.0

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
LympneEscarpmentSSSI_E190m	14.4	9.9	9.9	0.0	0.00	0.0
LympneEscarpmentSSSI_E200m	14.3	9.9	9.9	0.0	0.00	0.0
ParkWoodAW31m	32.1	23.4	24.0	0.6	0.10	1.0
ParkWoodAW40m	28.9	20.9	21.3	0.4	0.08	0.8
ParkWoodAW50m	26.7	19.2	19.5	0.3	0.06	0.6
ParkWoodAW60m	25.2	17.9	18.2	0.3	0.05	0.5
ParkWoodAW70m	22.9	16.3	16.5	0.2	0.05	0.5
ParkWoodAW80m	22.0	15.6	15.8	0.2	0.04	0.4
ParkWoodAW90m	21.2	15.0	15.2	0.2	0.03	0.3
ParkWoodAW100m	20.6	14.5	14.7	0.2	0.03	0.3
ParkWoodAW110m	20.1	14.1	14.3	0.2	0.03	0.3
ParkWoodAW120m	19.7	13.8	13.9	0.1	0.02	0.2
ParkWoodAW130m	19.3	13.5	13.6	0.1	0.02	0.2
ParkWoodAW140m	19.0	13.3	13.4	0.1	0.02	0.2
ParkWoodAW150m	18.7	13.0	13.1	0.1	0.02	0.2
ParkWoodAW160m	18.4	12.8	12.9	0.1	0.02	0.2
ParkWoodAW170m	18.2	12.7	12.8	0.1	0.02	0.2

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
ParkWoodAW180m	18.0	12.5	12.6	0.1	0.01	0.1
ParkWoodAW190m	17.8	12.4	12.4	0.0	0.01	0.1
ParkWoodAW200m	17.6	12.2	12.3	0.1	0.01	0.1
KilnWoodAW175m	19.4	13.8	14.0	0.2	0.04	0.4
KilnWoodAW180m	19.4	13.8	14.0	0.2	0.04	0.4
KilnWoodAW190m	19.3	13.7	14.0	0.3	0.04	0.4
KilnWoodAW200m	19.3	13.7	13.9	0.2	0.03	0.3
HouseWoodAW157m	24.2	17.3	17.8	0.5	0.07	0.7
HouseWoodAW160m	24.2	17.3	17.8	0.5	0.07	0.7
HouseWoodAW170m	24.1	17.2	17.6	0.4	0.07	0.7
HouseWoodAW180m	24.0	17.1	17.5	0.4	0.07	0.7
HouseWoodAW190m	23.9	17.1	17.4	0.3	0.07	0.7
HouseWoodAW200m	23.8	17.0	17.4	0.4	0.07	0.7
BartholemewsWoodAW5m	30.2	21.4	21.6	0.2	0.03	0.3
BartholemewsWoodAW10m	27.2	19.3	19.4	0.1	0.03	0.3
BartholemewsWoodAW20m	24.4	17.2	17.4	0.2	0.03	0.3
BartholemewsWoodAW30m	23.3	16.4	16.5	0.1	0.02	0.2

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
BartholemewsWoodAW40m	22.6	15.9	16.1	0.2	0.02	0.2
BartholemewsWoodAW50m	22.2	15.6	15.8	0.2	0.02	0.2
BartholemewsWoodAW60m	21.9	15.4	15.5	0.1	0.02	0.2
BartholemewsWoodAW70m	21.7	15.2	15.3	0.1	0.02	0.2
BartholemewsWoodAW80m	21.5	15.1	15.2	0.1	0.02	0.2
BartholemewsWoodAW90m	21.3	14.9	15.1	0.2	0.02	0.2
BartholemewsWoodAW100m	21.2	14.8	15.0	0.2	0.02	0.2
BartholemewsWoodAW110m	21.0	14.7	14.9	0.2	0.02	0.2
BartholemewsWoodAW120m	20.9	14.6	14.8	0.2	0.02	0.2
BartholemewsWoodAW130m	20.8	14.6	14.7	0.1	0.02	0.2
BartholemewsWoodAW140m	20.7	14.5	14.6	0.1	0.02	0.2
BartholemewsWoodAW150m	20.6	14.4	14.5	0.1	0.02	0.2
BartholemewsWoodAW160m	20.6	14.4	14.5	0.1	0.02	0.2
BartholemewsWoodAW170m	20.5	14.3	14.4	0.1	0.02	0.2
BartholemewsWoodAW180m	20.4	14.2	14.4	0.2	0.02	0.2
BartholemewsWoodAW190m	20.3	14.2	14.3	0.1	0.02	0.2
BartholemewsWoodAW200m	20.3	14.1	14.2	0.1	0.02	0.2

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
CowtyeWoodAW_N10m	23.8	16.9	17.0	0.1	0.02	0.2
CowtyeWoodAW_N20m	22.1	15.5	15.6	0.1	0.02	0.2
CowtyeWoodAW_N30m	21.2	14.9	15.0	0.1	0.02	0.2
CowtyeWoodAW_N40m	20.7	14.5	14.6	0.1	0.02	0.2
CowtyeWoodAW_N50m	20.4	14.2	14.3	0.1	0.02	0.2
CowtyeWoodAW_N60m	20.2	14.1	14.2	0.1	0.02	0.2
CowtyeWoodAW_N70m	20.0	13.9	14.0	0.1	0.02	0.2
CowtyeWoodAW_N80m	19.8	13.8	13.9	0.1	0.02	0.2
CowtyeWoodAW_N90m	19.7	13.7	13.8	0.1	0.02	0.2
CowtyeWoodAW_N100m	19.6	13.6	13.7	0.1	0.02	0.2
CowtyeWoodAW_N110m	19.5	13.5	13.6	0.1	0.01	0.1
CowtyeWoodAW_N120m	19.4	13.5	13.6	0.1	0.02	0.2
CowtyeWoodAW_N130m	19.3	13.4	13.5	0.1	0.01	0.1
CowtyeWoodAW_N140m	19.3	13.4	13.4	0.0	0.02	0.2
CowtyeWoodAW_N150m	19.2	13.3	13.4	0.1	0.02	0.2
CowtyeWoodAW_N160m	19.1	13.3	13.3	0.0	0.01	0.1
CowtyeWoodAW_N170m	19.1	13.2	13.3	0.1	0.01	0.1

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
CowtyeWoodAW_N180m	19.0	13.2	13.2	0.0	0.01	0.1
CowtyeWoodAW_N190m	18.9	13.1	13.2	0.1	0.01	0.1
CowtyeWoodAW_N200m	18.9	13.1	13.2	0.1	0.01	0.1
CowtyeWoodAW_S10m	23.4	16.6	16.7	0.1	0.02	0.2
CowtyeWoodAW_S20m	22.0	15.5	15.6	0.1	0.02	0.2
CowtyeWoodAW_S30m	21.5	15.1	15.2	0.1	0.02	0.2
CowtyeWoodAW_S40m	21.3	14.9	15.0	0.1	0.02	0.2
CowtyeWoodAW_S50m	21.2	14.8	15.0	0.2	0.02	0.2
CowtyeWoodAW_S60m	21.1	14.8	14.9	0.1	0.02	0.2
CowtyeWoodAW_S70m	21.1	14.8	14.9	0.1	0.02	0.2
CowtyeWoodAW_S80m	21.1	14.8	14.9	0.1	0.02	0.2
CowtyeWoodAW_S90m	21.2	14.9	15.0	0.1	0.02	0.2
CowtyeWoodAW_S100m	21.2	14.9	15.0	0.1	0.02	0.2
CowtyeWoodAW_S110m	21.3	15.0	15.1	0.1	0.02	0.2
CowtyeWoodAW_S120m	21.4	15.0	15.2	0.2	0.02	0.2
CowtyeWoodAW_S130m	21.5	15.1	15.2	0.1	0.02	0.2
CowtyeWoodAW_S140m	21.6	15.2	15.3	0.1	0.02	0.2

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Appendix 6.6 – Operational Phase Air Quality Ecological Transect Results

Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
CowtyeWoodAW_S150m	21.7	15.3	15.4	0.1	0.02	0.2
CowtyeWoodAW_S160m	21.8	15.3	15.5	0.2	0.02	0.2
CowtyeWoodAW_S170m	21.9	15.4	15.6	0.2	0.02	0.2
CowtyeWoodAW_S180m	22.0	15.6	15.7	0.1	0.03	0.3
CowtyeWoodAW_S190m	22.2	15.7	15.8	0.1	0.02	0.2
CowtyeWoodAW_S200m	22.3	15.8	15.9	0.1	0.02	0.2
GrangeAldersOakBanksAW_W170m	24.9	17.8	18.0	0.2	0.04	0.4
GrangeAldersOakBanksAW_W180m	24.4	17.4	17.6	0.2	0.03	0.3
GrangeAldersOakBanksAW_W190m	24.0	17.1	17.3	0.2	0.03	0.3
GrangeAldersOakBanksAW_W200m	23.6	16.8	17.0	0.2	0.03	0.3
HarringeBrooksWoodAW_LWS176m	15.2	10.4	10.4	0.0	0.00	0.0
HarringeBrooksWoodAW_LWS180m	15.2	10.4	10.4	0.0	0.00	0.0
HarringeBrooksWoodAW_LWS190m	15.2	10.4	10.4	0.0	0.00	0.0
HarringeBrooksWoodAW_LWS200m	15.2	10.4	10.4	0.0	0.00	0.0
KillingWood_AW48m	21.4	14.8	14.9	0.1	0.01	0.1
KillingWood_AW50m	21.3	14.7	14.8	0.1	0.01	0.1
KillingWood_AW60m	20.9	14.5	14.5	0.0	0.01	0.1

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
KillingWood_AW70m	20.7	14.2	14.3	0.1	0.01	0.1
KillingWood_AW80m	21.1	14.5	14.6	0.1	0.01	0.1
KillingWood_AW90m	20.9	14.4	14.4	0.0	0.01	0.1
KillingWood_AW100m	20.8	14.3	14.3	0.0	0.01	0.1
KillingWood_AW110m	20.7	14.2	14.3	0.1	0.01	0.1
KillingWood_AW120m	20.6	14.2	14.2	0.0	0.01	0.1
KillingWood_AW130m	20.5	14.1	14.2	0.1	0.01	0.1
KillingWood_AW140m	20.5	14.1	14.1	0.0	0.01	0.1
KillingWood_AW150m	20.4	14.0	14.1	0.1	0.01	0.1
KillingWood_AW160m	20.4	14.0	14.1	0.1	0.01	0.1
KillingWood_AW170m	20.4	14.0	14.1	0.1	0.01	0.1
KillingWood_AW180m	20.4	14.0	14.0	0.0	0.00	0.0
KillingWood_AW190m	20.4	14.0	14.0	0.0	0.00	0.0
KillingWood_AW200m	20.4	14.0	14.0	0.0	0.00	0.0
PerryWood_AW132m	27.7	20.1	20.5	0.4	0.07	0.7
PerryWood_AW140m	27.3	19.8	20.2	0.4	0.06	0.6
PerryWood_AW150m	26.9	19.4	19.8	0.4	0.06	0.6

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)*	Change as % Critical Load
	Base 2018	DM 2030	DS 2030	Impact		
PerryWood_AW160m	26.4	19.1	19.4	0.3	0.05	0.5
PerryWood_AW170m	26.0	18.7	19.1	0.4	0.05	0.5
PerryWood_AW180m	25.7	18.5	18.8	0.3	0.05	0.5
PerryWood_AW190m	25.3	18.2	18.5	0.3	0.05	0.5
PerryWood_AW200m	25.0	17.9	18.2	0.3	0.05	0.5

DM = Do-Minimum (without proposed development); DS = Do-Something (with proposed development); Impact = DS – DM

- **Bold denotes that the change is >1% of the critical level for NO_x and/or >1% of lower critical load.**

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Appendix 6.6 – Operational Phase Air Quality Ecological Transect Results

Table 3: 2044 Annual Mean NO_x (µg m⁻³) and Change in Nitrogen Deposition (kg N ha⁻¹ yr⁻¹) at Ecological Receptors

Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
HoadsWood_AW36m	30.5	16.7	16.8	0.1	0.02	0.2
HoadsWood_AW40m	29.4	16.3	16.4	0.1	0.02	0.2
HoadsWood_AW50m	27.4	15.4	15.5	0.1	0.01	0.1
HoadsWood_AW60m	25.9	14.9	14.9	0.0	0.01	0.1
HoadsWood_AW70m	24.8	14.4	14.5	0.1	0.01	0.1
HoadsWood_AW80m	23.9	14.1	14.1	0.0	0.01	0.1
HoadsWood_AW90m	23.2	13.8	13.8	0.0	0.01	0.1
HoadsWood_AW100m	22.7	13.6	13.6	0.0	0.01	0.1
HoadsWood_AW110m	22.2	13.4	13.4	0.0	0.01	0.1
HoadsWood_AW120m	21.8	13.2	13.2	0.0	0.01	0.1
HoadsWood_AW130m	21.4	13.1	13.1	0.0	0.01	0.1
HoadsWood_AW140m	21.1	12.9	13.0	0.1	0.01	0.1
HoadsWood_AW150m	20.8	12.8	12.9	0.1	0.01	0.1
HoadsWood_AW160m	20.6	12.7	12.8	0.1	0.01	0.1
HoadsWood_AW170m	20.4	12.6	12.7	0.1	0.01	0.1
HoadsWood_AW180m	20.2	12.6	12.6	0.0	0.01	0.1

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{ yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
HoadsWood_AW190m	20.0	12.5	12.5	0.0	0.01	0.1
HoadsWood_AW200m	19.8	12.4	12.5	0.1	0.01	0.1
Unnamed_AW1_117m	22.1	13.3	13.4	0.1	0.01	0.1
Unnamed_AW1_120m	22.0	13.3	13.3	0.0	0.01	0.1
Unnamed_AW1_130m	21.6	13.1	13.2	0.1	0.01	0.1
Unnamed_AW1_140m	21.3	13.0	13.1	0.1	0.01	0.1
Unnamed_AW1_150m	21.0	12.9	12.9	0.0	0.01	0.1
Unnamed_AW1_160m	20.8	12.8	12.8	0.0	0.01	0.1
Unnamed_AW1_170m	20.6	12.7	12.8	0.1	0.01	0.1
Unnamed_AW1_180m	20.4	12.6	12.7	0.1	0.00	0.0
Unnamed_AW1_190m	20.2	12.6	12.6	0.0	0.01	0.1
Unnamed_AW1_200m	20.0	12.5	12.5	0.0	0.01	0.1
Unnamed_AW2_75m	24.2	14.1	14.1	0.0	0.01	0.1
Unnamed_AW2_80m	23.8	13.9	14.0	0.1	0.01	0.1
Unnamed_AW2_90m	23.1	13.6	13.7	0.1	0.01	0.1
Unnamed_AW2_100m	22.5	13.4	13.5	0.1	0.01	0.1
Unnamed_AW2_110m	22.1	13.2	13.3	0.1	0.01	0.1

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
Unnamed_AW2_120m	21.7	13.1	13.1	0.0	0.01	0.1
Unnamed_AW2_130m	21.3	12.9	13.0	0.1	0.01	0.1
Unnamed_AW2_140m	21.0	12.8	12.8	0.0	0.01	0.1
Unnamed_AW2_150m	20.7	12.7	12.7	0.0	0.01	0.1
Unnamed_AW2_160m	20.5	12.6	12.6	0.0	0.01	0.1
Unnamed_AW2_170m	20.3	12.5	12.5	0.0	0.00	0.0
Unnamed_AW2_180m	20.1	12.4	12.5	0.1	0.00	0.0
Unnamed_AW2_190m	19.9	12.4	12.4	0.0	0.00	0.0
Unnamed_AW2_200m	19.8	12.3	12.3	0.0	0.00	0.0
Unnamed_AW3_45m	32.7	17.6	17.7	0.1	0.02	0.2
Unnamed_AW3_50m	31.5	17.1	17.2	0.1	0.02	0.2
Unnamed_AW3_60m	29.5	16.2	16.3	0.1	0.01	0.1
Unnamed_AW3_70m	27.9	15.6	15.7	0.1	0.01	0.1
Unnamed_AW3_80m	26.7	15.1	15.2	0.1	0.01	0.1
Unnamed_AW3_90m	25.8	14.7	14.8	0.1	0.01	0.1
Unnamed_AW3_100m	25.0	14.4	14.5	0.1	0.01	0.1
Unnamed_AW3_110m	24.3	14.2	14.2	0.0	0.01	0.1

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
Unnamed_AW3_120m	23.8	13.9	14.0	0.1	0.01	0.1
Unnamed_AW3_130m	23.3	13.7	13.8	0.1	0.01	0.1
Unnamed_AW3_140m	22.9	13.6	13.6	0.0	0.01	0.1
Unnamed_AW3_150m	22.5	13.4	13.5	0.1	0.01	0.1
Unnamed_AW3_160m	22.2	13.3	13.3	0.0	0.01	0.1
Unnamed_AW3_170m	21.9	13.2	13.2	0.0	0.01	0.1
Unnamed_AW3_180m	21.6	13.1	13.1	0.0	0.01	0.1
FolkstoneEtchB1	72.9	31.1	33.6	2.5	0.17	1.2
FolkstoneEtchB2	57.0	25.4	27.2	1.8	0.12	0.8
FolkstoneEtchB3	49.1	22.7	24.1	1.4	0.10	0.6
FolkstoneEtchB4	44.2	21.0	22.2	1.2	0.08	0.5
FolkstoneEtchB5	40.8	19.9	20.9	1.0	0.07	0.5
FolkstoneEtchB6	38.3	19.1	20.0	0.9	0.06	0.4
FolkstoneEtchB7	36.5	18.5	19.3	0.8	0.06	0.4
FolkstoneEtchB8	35.1	18.0	18.7	0.7	0.05	0.4
FolkstoneEtchB9	33.8	17.6	18.3	0.7	0.05	0.3
FolkstoneEtchB10	32.8	17.3	17.9	0.6	0.05	0.3

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
FolkstoneEtchB11	31.9	17.0	17.6	0.6	0.04	0.3
FolkstoneEtchB12	31.1	16.7	17.3	0.6	0.04	0.3
FolkstoneEtchB13	30.5	16.5	17.1	0.6	0.04	0.3
FolkstoneEtchB14	28.0	14.9	15.4	0.5	0.04	0.3
FolkstoneEtchB15	27.5	14.8	15.2	0.4	0.04	0.2
FolkstoneEtchB16	27.0	14.6	15.1	0.5	0.04	0.2
FolkstoneEtchB17	26.6	14.5	14.9	0.4	0.03	0.2
FolkstoneEtchB18	26.2	14.4	14.8	0.4	0.03	0.2
FolkstoneEtchB19	25.9	14.2	14.7	0.5	0.03	0.2
FolkstoneEtchB20	25.5	14.1	14.5	0.4	0.03	0.2
HatchPark1 (Hatch Park SSSI)	29.6	15.8	16.5	0.7	0.05	0.5
HP2	27.7	15.0	15.6	0.6	0.09	0.9
HP3	26.3	14.4	14.9	0.5	0.08	0.8
HP4	25.2	14.0	14.4	0.4	0.07	0.7
HP5	24.3	13.6	14.0	0.4	0.06	0.6
HP6	23.6	13.4	13.7	0.3	0.06	0.6
HP7	23.0	13.2	13.5	0.3	0.05	0.5

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
HP8	22.5	13.0	13.3	0.3	0.05	0.5
HP9	22.0	12.8	13.1	0.3	0.04	0.4
HP10	21.7	12.6	12.9	0.3	0.04	0.4
HP11	21.3	12.5	12.8	0.3	0.04	0.4
HP12	21.0	12.4	12.6	0.2	0.03	0.3
HP13	20.8	12.3	12.5	0.2	0.03	0.3
HP14	20.5	12.2	12.4	0.2	0.03	0.3
HP15	20.3	12.1	12.3	0.2	0.03	0.3
HP16	20.1	12.1	12.3	0.2	0.03	0.3
HP17	19.9	12.0	12.2	0.2	0.03	0.3
HP20	19.7	11.9	12.1	0.2	0.03	0.3
LympneEsc1 (Lympne Escarpment SSSI)	21.8	13.1	15.3	2.2	0.35	2.3
LE2	17.5	11.2	12.3	1.1	0.16	1.1
LE3	16.2	10.7	11.3	0.6	0.11	0.7
LE4	15.6	10.4	10.9	0.5	0.08	0.5
LE5	15.2	10.2	10.6	0.4	0.06	0.4
LE6	15.0	10.1	10.4	0.3	0.05	0.3

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
LE7	14.8	10.0	10.3	0.3	0.04	0.3
LE8	14.7	10.0	10.2	0.2	0.04	0.3
LE9	14.6	10.0	10.2	0.2	0.03	0.2
LE10	14.5	9.9	10.1	0.2	0.03	0.2
LE11	14.5	9.9	10.1	0.2	0.03	0.2
LE12	14.4	9.9	10.0	0.1	0.03	0.2
LE13	14.4	9.8	10.0	0.2	0.03	0.2
LE14	14.3	9.8	10.0	0.2	0.02	0.2
LE15	14.3	9.8	10.0	0.2	0.02	0.2
LE16	14.3	9.8	9.9	0.1	0.02	0.1
LE17	14.2	9.8	9.9	0.1	0.02	0.1
LE18	14.2	9.8	9.9	0.1	0.02	0.1
LE19	14.2	9.8	9.9	0.1	0.02	0.1
LE20	14.2	9.8	9.9	0.1	0.02	0.1
FolksWood1 (Ancient Woodland)	40.5	22.6	30.2	7.6	1.12	11.2
FW2	25.9	15.4	18.6	3.2	0.50	5.0
FW3	22.3	13.6	15.8	2.2	0.34	3.4

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{ yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
FW4	20.6	12.8	14.4	1.6	0.26	2.6
FW5	19.6	12.3	13.6	1.3	0.21	2.1
FW6	18.9	11.9	13.1	1.2	0.18	1.8
FW7	18.4	11.7	12.7	1.0	0.16	1.6
FW8	18.0	11.5	12.4	0.9	0.14	1.4
FW9	17.7	11.4	12.2	0.8	0.12	1.2
FW10	17.5	11.3	12.0	0.7	0.12	1.2
FW11	17.3	11.2	11.8	0.6	0.10	1.0
FW12	17.1	11.1	11.7	0.6	0.10	1.0
FW13	17.0	11.0	11.6	0.6	0.09	0.9
FW14	16.8	11.0	11.5	0.5	0.09	0.9
FW15	16.7	10.9	11.4	0.5	0.08	0.8
FW16	16.6	10.9	11.4	0.5	0.08	0.8
FW17	16.6	10.8	11.3	0.5	0.07	0.7
FW18	16.5	10.8	11.2	0.4	0.07	0.7
FW19	16.4	10.8	11.2	0.4	0.07	0.7
FW20	16.3	10.7	11.1	0.4	0.06	0.6

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{ yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
FW21	16.3	10.7	11.1	0.4	0.06	0.6
AshfordGreenCorridorsA2070LNR	36.0	19.3	19.7	0.4	0.06	0.6
AshfordGreenCorridorsA2070LNR	31.7	17.8	18.1	0.3	0.05	0.5
AshfordGreenCorridorsA2070LNR	27.8	16.3	16.5	0.2	0.04	0.4
AshfordGreenCorridorsA2070LNR	25.6	15.4	15.6	0.2	0.03	0.3
AshfordGreenCorridorsA2070LNR	24.3	14.9	15.1	0.2	0.03	0.3
AshfordGreenCorridorsA2070LNR	23.3	14.5	14.7	0.2	0.03	0.3
AshfordGreenCorridorsA2070LNR	22.6	14.2	14.4	0.2	0.02	0.2
AshfordGreenCorridorsA2070LNR	22.1	14.0	14.1	0.1	0.02	0.2
AshfordGreenCorridorsA2070LNR	21.7	13.8	13.9	0.1	0.02	0.2
AshfordGreenCorridorsA2070LNR	21.4	13.7	13.8	0.1	0.02	0.2
AshfordGreenCorridorsA2070LNR	21.1	13.6	13.7	0.1	0.02	0.2
AshfordGreenCorridorsA2070LNR	20.8	13.5	13.6	0.1	0.01	0.1
AshfordGreenCorridorsA2070LNR	20.6	13.4	13.5	0.1	0.01	0.1
AshfordGreenCorridorsA2070LNR	20.5	13.3	13.4	0.1	0.01	0.1
AshfordGreenCorridorsA2070LNR	20.3	13.2	13.3	0.1	0.01	0.1
AshfordGreenCorridorsA2070LNR	20.2	13.2	13.2	0.0	0.01	0.1

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{ yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
AshfordGreenCorridorsA2070LNR	20.1	13.1	13.2	0.1	0.01	0.1
AshfordGreenCorridorsA2070LNR	20.0	13.1	13.1	0.0	0.01	0.1
AshfordGreenCorridorsA2070LNR	19.9	13.0	13.1	0.1	0.01	0.1
AshfordGreenCorridorsA2070LNR	19.8	13.0	13.1	0.1	0.01	0.1
AshfordGreenCorridorsM20E20m	57.0	29.8	30.3	0.5	0.07	0.7
AshfordGreenCorridorsM20E30m	48.3	26.4	26.8	0.4	0.06	0.6
AshfordGreenCorridorsM20E40m	43.3	24.4	24.7	0.3	0.05	0.5
AshfordGreenCorridorsM20E50m	40.0	23.1	23.4	0.3	0.04	0.4
AshfordGreenCorridorsM20E60m	37.7	22.2	22.4	0.2	0.03	0.3
AshfordGreenCorridorsM20E70m	36.0	21.5	21.7	0.2	0.03	0.3
AshfordGreenCorridorsM20E80m	34.6	20.9	21.1	0.2	0.03	0.3
AshfordGreenCorridorsM20E90m	33.5	20.5	20.7	0.2	0.02	0.2
AshfordGreenCorridorsM20E100m	32.6	20.2	20.3	0.1	0.02	0.2
AshfordGreenCorridorsM20E110m	31.8	19.9	20.0	0.1	0.02	0.2
AshfordGreenCorridorsM20E120m	31.2	19.6	19.7	0.1	0.02	0.2
AshfordGreenCorridorsM20E130m	30.7	19.4	19.5	0.1	0.02	0.2
AshfordGreenCorridorsM20E140m	30.2	19.2	19.3	0.1	0.02	0.2

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{ yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
AshfordGreenCorridorsM20E150m	29.7	19.0	19.1	0.1	0.01	0.1
AshfordGreenCorridorsM20E160m	29.4	18.9	19.0	0.1	0.01	0.1
AshfordGreenCorridorsM20E170m	29.0	18.8	18.9	0.1	0.01	0.1
AshfordGreenCorridorsM20E180m	28.7	18.6	18.7	0.1	0.01	0.1
AshfordGreenCorridorsM20E190m	28.4	18.5	18.6	0.1	0.01	0.1
AshfordGreenCorridorsM20E200m	28.2	18.4	18.5	0.1	0.01	0.1
AshfordGreenCorridorsM20W22m	54.1	28.7	29.1	0.4	0.07	0.7
AshfordGreenCorridorsM20W30m	47.7	26.1	26.5	0.4	0.06	0.6
AshfordGreenCorridorsM20W40m	42.9	24.2	24.5	0.3	0.05	0.5
AshfordGreenCorridorsM20W50m	39.7	23.0	23.2	0.2	0.04	0.4
AshfordGreenCorridorsM20W60m	37.5	22.1	22.3	0.2	0.03	0.3
AshfordGreenCorridorsM20W70m	35.8	21.4	21.6	0.2	0.03	0.3
AshfordGreenCorridorsM20W80m	34.4	20.9	21.1	0.2	0.03	0.3
AshfordGreenCorridorsM20W90m	33.4	20.5	20.6	0.1	0.02	0.2
AshfordGreenCorridorsM20W100m	32.5	20.1	20.3	0.2	0.02	0.2
AshfordGreenCorridorsM20W110m	31.7	19.8	20.0	0.2	0.02	0.2
AshfordGreenCorridorsM20W120m	31.1	19.6	19.7	0.1	0.02	0.2

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{ yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
AshfordGreenCorridorsM20W130m	30.6	19.4	19.5	0.1	0.02	0.2
AshfordGreenCorridorsM20W140m	30.1	19.2	19.3	0.1	0.01	0.1
LympneEscarpmentSSSI_E40m	16.3	10.7	11.5	0.8	0.06	0.4
LympneEscarpmentSSSI_E50m	15.9	10.5	11.2	0.7	0.05	0.3
LympneEscarpmentSSSI_E60m	15.5	10.4	10.9	0.5	0.04	0.3
LympneEscarpmentSSSI_E70m	15.3	10.3	10.7	0.4	0.04	0.2
LympneEscarpmentSSSI_E80m	15.1	10.2	10.6	0.4	0.03	0.2
LympneEscarpmentSSSI_E90m	15.0	10.1	10.5	0.4	0.03	0.2
LympneEscarpmentSSSI_E100m	14.9	10.1	10.4	0.3	0.03	0.2
LympneEscarpmentSSSI_E110m	14.8	10.0	10.3	0.3	0.03	0.2
LympneEscarpmentSSSI_E120m	14.7	10.0	10.3	0.3	0.02	0.2
LympneEscarpmentSSSI_E130m	14.6	10.0	10.2	0.2	0.02	0.1
LympneEscarpmentSSSI_E140m	14.6	9.9	10.2	0.3	0.02	0.1
LympneEscarpmentSSSI_E150m	14.5	9.9	10.1	0.2	0.02	0.1
LympneEscarpmentSSSI_E160m	14.5	9.9	10.1	0.2	0.02	0.1
LympneEscarpmentSSSI_E170m	14.4	9.9	10.1	0.2	0.02	0.1
LympneEscarpmentSSSI_E180m	14.4	9.8	10.1	0.3	0.02	0.1

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
LympneEscarpmentSSSI_E190m	14.4	9.8	10.0	0.2	0.02	0.1
LympneEscarpmentSSSI_E200m	14.3	9.8	10.0	0.2	0.02	0.1
ParkWoodAW31m	32.1	15.9	16.5	0.6	0.09	0.9
ParkWoodAW40m	28.9	14.8	15.3	0.5	0.08	0.8
ParkWoodAW50m	26.7	14.1	14.5	0.4	0.06	0.6
ParkWoodAW60m	25.2	13.5	13.9	0.4	0.05	0.5
ParkWoodAW70m	22.9	12.6	12.9	0.3	0.05	0.5
ParkWoodAW80m	22.0	12.3	12.5	0.2	0.04	0.4
ParkWoodAW90m	21.2	12.0	12.3	0.3	0.04	0.4
ParkWoodAW100m	20.6	11.8	12.0	0.2	0.04	0.4
ParkWoodAW110m	20.1	11.6	11.8	0.2	0.03	0.3
ParkWoodAW120m	19.7	11.5	11.7	0.2	0.03	0.3
ParkWoodAW130m	19.3	11.3	11.5	0.2	0.03	0.3
ParkWoodAW140m	19.0	11.2	11.4	0.2	0.03	0.3
ParkWoodAW150m	18.7	11.1	11.3	0.2	0.03	0.3
ParkWoodAW160m	18.4	11.0	11.2	0.2	0.03	0.3
ParkWoodAW170m	18.2	11.0	11.1	0.1	0.02	0.2

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
ParkWoodAW180m	18.0	10.9	11.0	0.1	0.02	0.2
ParkWoodAW190m	17.8	10.8	11.0	0.2	0.02	0.2
ParkWoodAW200m	17.6	10.8	10.9	0.1	0.02	0.2
KilnWoodAW175m	19.4	11.9	12.4	0.5	0.09	0.9
KilnWoodAW180m	19.4	11.9	12.4	0.5	0.09	0.9
KilnWoodAW190m	19.3	11.9	12.4	0.5	0.09	0.9
KilnWoodAW200m	19.3	11.8	12.4	0.6	0.08	0.8
HouseWoodAW157m	24.2	13.4	14.5	1.1	0.18	1.8
HouseWoodAW160m	24.2	13.3	14.5	1.2	0.17	1.7
HouseWoodAW170m	24.1	13.3	14.4	1.1	0.17	1.7
HouseWoodAW180m	24.0	13.3	14.3	1.0	0.16	1.6
HouseWoodAW190m	23.9	13.2	14.2	1.0	0.16	1.6
HouseWoodAW200m	23.8	13.2	14.2	1.0	0.15	1.5
BartholemewsWoodAW5m	30.2	14.9	16.0	1.1	0.17	1.7
BartholemewsWoodAW10m	27.2	13.9	14.9	1.0	0.14	1.4
BartholemewsWoodAW20m	24.4	13.0	13.7	0.7	0.11	1.1
BartholemewsWoodAW30m	23.3	12.7	13.3	0.6	0.10	1.0

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{ yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
BartholemewsWoodAW40m	22.6	12.5	13.1	0.6	0.09	0.9
BartholemewsWoodAW50m	22.2	12.3	12.9	0.6	0.09	0.9
BartholemewsWoodAW60m	21.9	12.2	12.8	0.6	0.08	0.8
BartholemewsWoodAW70m	21.7	12.2	12.7	0.5	0.08	0.8
BartholemewsWoodAW80m	21.5	12.1	12.6	0.5	0.08	0.8
BartholemewsWoodAW90m	21.3	12.1	12.5	0.4	0.08	0.8
BartholemewsWoodAW100m	21.2	12.0	12.5	0.5	0.07	0.7
BartholemewsWoodAW110m	21.0	12.0	12.4	0.4	0.07	0.7
BartholemewsWoodAW120m	20.9	11.9	12.4	0.5	0.07	0.7
BartholemewsWoodAW130m	20.8	11.9	12.3	0.4	0.07	0.7
BartholemewsWoodAW140m	20.7	11.9	12.3	0.4	0.07	0.7
BartholemewsWoodAW150m	20.6	11.8	12.2	0.4	0.07	0.7
BartholemewsWoodAW160m	20.6	11.8	12.2	0.4	0.07	0.7
BartholemewsWoodAW170m	20.5	11.8	12.2	0.4	0.06	0.6
BartholemewsWoodAW180m	20.4	11.7	12.1	0.4	0.06	0.6
BartholemewsWoodAW190m	20.3	11.7	12.1	0.4	0.06	0.6
BartholemewsWoodAW200m	20.3	11.7	12.1	0.4	0.06	0.6

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{ yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
CowtyeWoodAW_N10m	23.8	12.9	13.8	0.9	0.14	1.4
CowtyeWoodAW_N20m	22.1	12.3	13.0	0.7	0.10	1.0
CowtyeWoodAW_N30m	21.2	12.0	12.6	0.6	0.08	0.8
CowtyeWoodAW_N40m	20.7	11.8	12.3	0.5	0.08	0.8
CowtyeWoodAW_N50m	20.4	11.7	12.2	0.5	0.07	0.7
CowtyeWoodAW_N60m	20.2	11.6	12.1	0.5	0.07	0.7
CowtyeWoodAW_N70m	20.0	11.6	12.0	0.4	0.07	0.7
CowtyeWoodAW_N80m	19.8	11.5	11.9	0.4	0.06	0.6
CowtyeWoodAW_N90m	19.7	11.5	11.9	0.4	0.06	0.6
CowtyeWoodAW_N100m	19.6	11.4	11.8	0.4	0.06	0.6
CowtyeWoodAW_N110m	19.5	11.4	11.8	0.4	0.06	0.6
CowtyeWoodAW_N120m	19.4	11.4	11.7	0.3	0.06	0.6
CowtyeWoodAW_N130m	19.3	11.4	11.7	0.3	0.06	0.6
CowtyeWoodAW_N140m	19.3	11.3	11.7	0.4	0.05	0.5
CowtyeWoodAW_N150m	19.2	11.3	11.6	0.3	0.05	0.5
CowtyeWoodAW_N160m	19.1	11.3	11.6	0.3	0.05	0.5
CowtyeWoodAW_N170m	19.1	11.3	11.6	0.3	0.05	0.5

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
CowtyeWoodAW_N180m	19.0	11.2	11.5	0.3	0.05	0.5
CowtyeWoodAW_N190m	18.9	11.2	11.5	0.3	0.05	0.5
CowtyeWoodAW_N200m	18.9	11.2	11.5	0.3	0.05	0.5
CowtyeWoodAW_S10m	23.4	12.8	13.6	0.8	0.12	1.2
CowtyeWoodAW_S20m	22.0	12.3	12.9	0.6	0.10	1.0
CowtyeWoodAW_S30m	21.5	12.1	12.7	0.6	0.09	0.9
CowtyeWoodAW_S40m	21.3	12.0	12.6	0.6	0.08	0.8
CowtyeWoodAW_S50m	21.2	12.0	12.5	0.5	0.08	0.8
CowtyeWoodAW_S60m	21.1	12.0	12.5	0.5	0.08	0.8
CowtyeWoodAW_S70m	21.1	12.0	12.5	0.5	0.08	0.8
CowtyeWoodAW_S80m	21.1	12.0	12.5	0.5	0.08	0.8
CowtyeWoodAW_S90m	21.2	12.0	12.5	0.5	0.08	0.8
CowtyeWoodAW_S100m	21.2	12.0	12.5	0.5	0.08	0.8
CowtyeWoodAW_S110m	21.3	12.0	12.5	0.5	0.08	0.8
CowtyeWoodAW_S120m	21.4	12.1	12.6	0.5	0.08	0.8
CowtyeWoodAW_S130m	21.5	12.1	12.6	0.5	0.08	0.8
CowtyeWoodAW_S140m	21.6	12.1	12.7	0.6	0.08	0.8

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{ yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
CowtyeWoodAW_S150m	21.7	12.2	12.7	0.5	0.08	0.8
CowtyeWoodAW_S160m	21.8	12.2	12.8	0.6	0.08	0.8
CowtyeWoodAW_S170m	21.9	12.3	12.8	0.5	0.08	0.8
CowtyeWoodAW_S180m	22.0	12.3	12.9	0.6	0.09	0.9
CowtyeWoodAW_S190m	22.2	12.4	12.9	0.5	0.09	0.9
CowtyeWoodAW_S200m	22.3	12.4	13.0	0.6	0.09	0.9
GrangeAldersOakBanksAW_W170m	24.9	13.6	14.4	0.8	0.12	1.2
GrangeAldersOakBanksAW_W180m	24.4	13.4	14.2	0.8	0.12	1.2
GrangeAldersOakBanksAW_W190m	24.0	13.3	14.0	0.7	0.11	1.1
GrangeAldersOakBanksAW_W200m	23.6	13.2	13.9	0.6	0.11	1.1
HarringeBrooksWoodAW_LWS176m	15.2	10.0	10.1	0.1	0.02	0.2
HarringeBrooksWoodAW_LWS180m	15.2	10.0	10.1	0.1	0.02	0.2
HarringeBrooksWoodAW_LWS190m	15.2	10.0	10.1	0.1	0.02	0.2
HarringeBrooksWoodAW_LWS200m	15.2	10.0	10.1	0.1	0.02	0.2
KillingWood_AW48m	21.4	12.5	12.8	0.3	0.05	0.5
KillingWood_AW50m	21.3	12.5	12.7	0.2	0.05	0.5
KillingWood_AW60m	20.9	12.3	12.6	0.3	0.04	0.4

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Receptor Site ID	Annual mean NOx ($\mu\text{g m}^{-3}$)				Change in N Deposition ($\text{kg N ha}^{-1} \text{yr}^{-1}$)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
KillingWood_AW70m	20.7	12.2	12.5	0.3	0.04	0.4
KillingWood_AW80m	21.1	12.8	13.0	0.2	0.03	0.3
KillingWood_AW90m	20.9	12.7	13.0	0.3	0.03	0.3
KillingWood_AW100m	20.8	12.7	12.9	0.2	0.03	0.3
KillingWood_AW110m	20.7	12.7	12.9	0.2	0.03	0.3
KillingWood_AW120m	20.6	12.6	12.8	0.2	0.03	0.3
KillingWood_AW130m	20.5	12.6	12.8	0.2	0.03	0.3
KillingWood_AW140m	20.5	12.6	12.8	0.2	0.03	0.3
KillingWood_AW150m	20.4	12.6	12.8	0.2	0.03	0.3
KillingWood_AW160m	20.4	12.6	12.8	0.2	0.03	0.3
KillingWood_AW170m	20.4	12.6	12.7	0.1	0.03	0.3
KillingWood_AW180m	20.4	12.6	12.7	0.1	0.03	0.3
KillingWood_AW190m	20.4	12.6	12.7	0.1	0.02	0.2
KillingWood_AW200m	20.4	12.6	12.7	0.1	0.02	0.2
PerryWood_AW132m	27.7	14.4	15.3	0.9	0.14	1.4
PerryWood_AW140m	27.3	14.3	15.1	0.8	0.13	1.3
PerryWood_AW150m	26.9	14.1	14.9	0.8	0.13	1.3

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Receptor Site ID	Annual mean NO _x (µg m ⁻³)				Change in N Deposition (kg N ha ⁻¹ yr ⁻¹)	Change as % Critical Load
	Base 2018	DM 2044	DS 2044	Impact		
PerryWood_AW160m	26.4	13.9	14.7	0.8	0.12	1.2
PerryWood_AW170m	26.0	13.8	14.5	0.7	0.12	1.2
PerryWood_AW180m	25.7	13.7	14.4	0.7	0.11	1.1
PerryWood_AW190m	25.3	13.5	14.2	0.7	0.11	1.1
PerryWood_AW200m	25.0	13.4	14.1	0.7	0.10	1.0

DM = Do-Minimum (without proposed development); DS = Do-Something (with proposed development); Impact = DS – DM

Bold denotes that the change is >1% of the critical level for NO_x and/or >1% of lower critical load.

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