Tritax Symmetry (Hinckley) Limited

HINCKLEY NATIONAL RAIL FREIGHT INTERCHANGE

The Hinckley National Rail Freight Interchange Development Consent Order

Project reference TR050007

Environmental Statement
Volume 2: Appendices

Appendix 9.14: Air Quality Operational Phase Road Traffic Emissions Assessment - Ecological Assessment Results

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Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(a)

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 Regulation 14

This document forms a part of the Environmental Statement for the Hinckley National Rail Freight Interchange project.

Tritax Symmetry (Hinckley) Limited (TSH) has applied to the Secretary of State for Transport for a Development Consent Order (DCO) for the Hinckley National Rail Freight Interchange (HNRFI).

To help inform the determination of the DCO application, TSH has undertaken an environmental impact assessment (EIA) of its proposals. EIA is a process that aims to improve the environmental design of a development proposal, and to provide the decision maker with sufficient information about the environmental effects of the project to make a decision.

The findings of an EIA are described in a written report known as an Environmental Statement (ES). An ES provides environmental information about the scheme, including a description of the development, its predicted environmental effects and the measures proposed to ameliorate any adverse effects.

Further details about the proposed Hinckley National Rail Freight Interchange are available on the project website:

http://www.hinckleynrfi.co.uk/

The DCO application and documents relating to the examination of the proposed development can be viewed on the Planning Inspectorate's National Infrastructure Planning website:

https://infrastructure.planninginspectorate.gov.uk/projects/east-midlands/hinckley-national-rail-freight-interchange/

APPENDIX 6.2.9.14: AIR QUALITY OPERATIONAL PHASE ROAD TRAFFIC EMISSIONS ASSESSMENT – ECOLOGICAL RECEPTOR FULL RESULTS

The results of the Critical Level and Nitrogen Critical Load assessments are provided for each local authority for the transects modelled in ADMS-Roads.

Critical Level Assessment

Background pollutant concentrations were obtained from the latest Defra background concentration maps[1], which are provided for the UK as 1km x1km grid network. The latest maps are based on 2018 monitoring and meteorological data. Background concentrations of NOx were obtained for the grid squares covering the ecological receptor locations for 2026 and 2036. 2030 data was used for the 2036 scenarios as this is the latest year for which background mapped concentrations were derived by Defra at the time of assessment.

Exceedances of the NOx critical level are shown in bold.

Blaby District Council

Table 14.1: Blaby District Council critical level assessment in Opening Year 2026.

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Burbage LNR_T1_15m	11.3	11.7	12.8	+1.0
Burbage LNR_T1_25m	11.3	11.7	12.6	+0.8
Burbage LNR_T1_35m	11.3	11.7	12.4	+0.7
Burbage LNR_T1_45m	11.3	11.7	12.3	+0.6

[1] Defra (2020) background pollutant concentration maps [https://uk-air.defra.gov.uk/data/laqm-background-maps?year=2018]

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Burbage LNR_T1_55m	11.3	11.7	12.2	+0.5
Burbage LNR_T1_65m	11.3	11.7	12.2	+0.5
Burbage LNR_T1_75m	11.3	11.7	12.1	+0.4
Burbage LNR_T1_85m	11.3	11.7	12.1	+0.4
Burbage LNR_T1_95m	11.3	11.7	12.1	+0.3
Burbage LNR_T1_105m	11.3	11.7	12.1	+0.3
Burbage LNR_T1_115m	11.3	11.7	12.0	+0.3
Burbage LNR_T1_125m	11.3	11.7	12.0	+0.3
Burbage LNR_T1_135m	11.3	11.7	12.0	+0.3
Burbage LNR_T1_145m	11.3	11.7	12.0	+0.3
Burbage LNR_T1_155m	11.3	11.7	12.0	+0.2

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Burbage LNR_T1_165m	11.3	11.7	12.0	+0.2
Burbage LNR_T1_175m	11.3	11.7	11.9	+0.2
Burbage LNR_T1_185m	11.4	11.9	12.1	+0.2
Burbage LNR_T1_195m	11.3	11.7	11.9	+0.2
Burbage LNR_T2_42m	11.0	11.4	12.0	+0.6
Burbage LNR_T2_52m	11.0	11.4	11.9	+0.5
Burbage LNR_T2_62m	11.0	11.4	11.8	+0.4
Burbage LNR_T2_72m	11.0	11.4	11.8	+0.4
Burbage LNR_T2_82m	11.0	11.4	11.7	+0.3
Burbage LNR_T2_92m	11.0	11.4	11.7	+0.3
Burbage LNR_T2_102m	11.0	11.4	11.7	+0.3

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Burbage LNR_T2_112m	11.0	11.4	11.7	+0.3
Burbage LNR_T2_122m	11.0	11.4	11.7	+0.2
Burbage LNR_T2_132m	11.0	11.4	11.6	+0.2
Burbage LNR_T2_142m	11.0	11.4	11.6	+0.2
Burbage LNR_T2_152m	11.0	11.4	11.6	+0.2
Burbage LNR_T2_162m	11.0	11.4	11.6	+0.2
Burbage LNR_T2_172m	11.0	11.4	11.6	+0.2
Burbage LNR_T2_182m	11.0	11.4	11.6	+0.2
Burbage LNR_T2_192m	11.0	11.4	11.6	+0.2
Burbage LNR_T2_202m	11.0	11.4	11.6	+0.2
Burbage LNR_T3_76m	11.0	11.5	11.7	+0.3

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Burbage LNR_T3_86m	11.0	11.5	11.7	+0.2
Burbage LNR_T3_96m	11.0	11.5	11.7	+0.2
Burbage LNR_T3_106m	11.0	11.5	11.7	+0.2
Burbage LNR_T3_116m	11.0	11.5	11.7	+0.2
Burbage LNR_T3_126m	11.0	11.5	11.6	+0.2
Burbage LNR_T3_136m	11.0	11.5	11.6	+0.2
Burbage LNR_T3_146m	11.0	11.4	11.6	+0.2
Burbage LNR_T3_156m	11.0	11.4	11.6	+0.2
Burbage LNR_T3_166m	11.0	11.4	11.6	+0.2
Burbage LNR_T3_176m	11.0	11.4	11.6	+0.2
Burbage LNR_T3_186m	11.0	11.4	11.6	+0.2

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Burbage LNR_T3_196m	11.0	11.4	11.6	+0.2
Freeholt Wood AW_T1_55m	13.6	14.3	15.6	+1.3
Freeholt Wood AW_T1_65m	13.6	14.3	15.4	+1.1
Freeholt Wood AW_T1_75m	13.6	14.3	15.4	+1.0
Freeholt Wood AW_T1_85m	13.6	14.3	15.3	+1.0
Freeholt Wood AW_T1_95m	13.6	14.3	15.2	+0.9
Freeholt Wood AW_T1_105m	13.6	14.3	15.1	+0.8
Freeholt Wood AW_T1_115m	13.6	14.3	15.1	+0.8
Freeholt Wood AW_T1_125m	13.6	14.3	15.0	+0.7
Freeholt Wood AW_T1_135m	13.6	14.3	15.0	+0.7
Freeholt Wood AW_T1_145m	13.6	14.3	15.0	+0.7

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Freeholt Wood AW_T1_155m	13.6	14.3	14.9	+0.6
Freeholt Wood AW_T1_165m	13.6	14.3	14.9	+0.6
Freeholt Wood AW_T1_175m	13.6	14.3	14.9	+0.6
Freeholt Wood AW_T1_185m	13.6	14.3	14.9	+0.6
Freeholt Wood AW_T1_195m	13.6	14.3	14.9	+0.5
Aston Firs SSSI_T1_7m	11.7	14.3	14.0	-0.3
AstonFirs_SSSI_T1_17m	11.7	13.6	13.4	-0.1
Aston Firs SSSI_T1_27m	11.7	13.2	13.1	-0.1
Aston Firs SSSI_T1_37m	11.7	13.0	13.0	0.0
Aston Firs SSSI_T1_47m	11.7	12.8	12.9	0.0
Aston Firs SSSI_T1_57m	11.7	12.7	12.8	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Aston Firs SSSI_T1_67m	11.7	12.7	12.7	0.0
AstonFirs SSSI_T1_77m	11.7	12.6	12.7	+0.1
Aston Firs SSSI_T1_87m	11.7	12.6	12.6	+0.1
Aston Firs SSSI_T1_97m	11.7	12.5	12.6	+0.1
Aston Firs SSSI_T1_107m	11.7	12.5	12.6	+0.1
AstonFirsSSSI_T1_117m	11.7	12.5	12.6	+0.1
Aston Firs SSSI_T1_127m	11.7	12.4	12.5	+0.1
Aston Firs SSSI_T1_137m	11.7	12.4	12.5	+0.1
Aston Firs SSSI_T1_147m	11.7	12.4	12.5	+0.1
AstonFirsSSSI_T1_157m	11.7	12.4	12.5	+0.1
Aston Firs SSSI_T1_167m	11.7	12.4	12.5	+0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
AstonFirsSSSI_T1_177m	11.7	12.4	12.5	+0.1
Aston Firs SSSI_T1_187m	11.7	12.4	12.5	+0.1
AstonFirsSSSI_T1_197m	11.7	12.3	12.5	+0.1
Aston Firs SSSI_T2_0m	11.7	14.9	14.6	-0.3
Aston Firs SSSI_T2_10m	11.7	13.8	13.7	-0.1
Aston Firs SSSI_T2_20m	11.7	13.3	13.3	0.0
Aston Firs SSSI_T2_30m	11.7	13.0	13.1	+0.1
Aston Firs SSSI_T2_40m	11.7	12.9	13.0	+0.1
Aston Firs SSSI_T2_50m	11.7	12.8	12.9	+0.1
Aston Firs SSSI_T2_60m	11.7	12.7	12.8	+0.1
Aston Firs SSSI_T2_70m	11.7	12.6	12.8	+0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Aston Firs SSSI_T2_80m	11.7	12.6	12.7	+0.2
Aston Firs SSSI_T2_90m	11.7	12.5	12.7	+0.2
Aston Firs SSSI_T2_100m	11.7	12.5	12.7	+0.2
Aston Firs SSSI_T2_110m	11.7	12.5	12.6	+0.2
Aston Firs SSSI_T2_120m	11.7	12.5	12.6	+0.2
Aston Firs SSSI_T2_130m	11.7	12.4	12.6	+0.2
Aston Firs SSSI_T2_140m	11.7	12.4	12.6	+0.2
Aston Firs SSSI_T2_150m	11.7	12.4	12.6	+0.2
Aston Firs SSSI_T2_160m	11.7	12.4	12.6	+0.2
Aston Firs SSSI_T2_170m	11.7	12.4	12.5	+0.2
Aston Firs SSSI_T2_180m	11.7	12.4	12.5	+0.2

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Aston Firs SSSI_T2_190m	11.7	12.4	12.5	+0.2
Aston Firs SSSI_T2_200m	11.7	12.3	12.5	+0.2
Narbourough Bogs SSSI_127m	15.9	19.0	19.0	0.0
Narbourough Bogs SSSI_137m	15.9	18.8	18.8	0.0
Narbourough Bogs SSSI_147m	15.9	18.7	18.7	0.0
Narbourough Bogs SSSI_157m	15.9	18.6	18.6	0.0
Narbourough Bogs SSSI_167m	15.9	18.5	18.5	0.0
Narbourough Bogs SSSI_187m	15.9	18.3	18.3	0.0
Narbourough Bogs SSSI_177m	15.9	18.4	18.4	0.0
Narbourough Bogs SSSI_197m	15.9	18.2	18.2	0.0

**Discrepancies in changes due to rounding effects*

Table 14.2: Blaby District Council critical level assessment in Future Year 2036.

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Burbage LNR_T1_15m	10.5	10.8	11.5	+0.7
Burbage LNR_T1_25m	10.5	10.8	11.3	+0.6
Burbage LNR_T1_35m	10.5	10.8	11.2	+0.5
Burbage LNR_T1_45m	10.5	10.8	11.2	+0.4
Burbage LNR_T1_55m	10.5	10.8	11.1	+0.4
Burbage LNR_T1_65m	10.5	10.8	11.1	+0.3
Burbage LNR_T1_75m	10.5	10.8	11.0	+0.3
Burbage LNR_T1_85m	10.5	10.8	11.0	+0.3
Burbage LNR_T1_95m	10.5	10.8	11.0	+0.2
Burbage LNR_T1_105m	10.5	10.8	11.0	+0.2

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Burbage LNR_T1_115m	10.5	10.8	11.0	+0.2
Burbage LNR_T1_125m	10.5	10.8	11.0	+0.2
Burbage LNR_T1_135m	10.5	10.8	10.9	+0.2
Burbage LNR_T1_145m	10.5	10.8	10.9	+0.2
Burbage LNR_T1_155m	10.5	10.8	10.9	+0.2
Burbage LNR_T1_165m	10.5	10.8	10.9	+0.2
Burbage LNR_T1_175m	10.5	10.8	10.9	+0.2
Burbage LNR_T1_185m	10.5	10.8	11.0	+0.1
Burbage LNR_T1_195m	10.5	10.8	10.9	+0.1
Burbage LNR_T2_42m	10.2	10.5	10.9	+0.4
Burbage LNR_T2_52m	10.2	10.5	10.8	+0.3

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Burbage LNR_T2_62m	10.2	10.5	10.7	+0.3
Burbage LNR_T2_72m	10.2	10.5	10.7	+0.2
Burbage LNR_T2_82m	10.2	10.5	10.7	+0.2
Burbage LNR_T2_92m	10.2	10.5	10.7	+0.2
Burbage LNR_T2_102m	10.2	10.5	10.6	+0.2
Burbage LNR_T2_112m	10.2	10.5	10.6	+0.2
Burbage LNR_T2_122m	10.2	10.5	10.6	+0.2
Burbage LNR_T2_132m	10.2	10.5	10.6	+0.2
Burbage LNR_T2_142m	10.2	10.5	10.6	+0.1
Burbage LNR_T2_152m	10.2	10.5	10.6	+0.1
Burbage LNR_T2_162m	10.2	10.5	10.6	+0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Burbage LNR_T2_172m	10.2	10.5	10.6	+0.1
Burbage LNR_T2_182m	10.2	10.5	10.6	+0.1
Burbage LNR_T2_192m	10.2	10.5	10.6	+0.1
Burbage LNR_T2_202m	10.2	10.5	10.6	+0.1
Burbage LNR_T3_76m	10.2	10.5	10.7	+0.2
Burbage LNR_T3_86m	10.2	10.5	10.7	+0.2
Burbage LNR_T3_96m	10.2	10.5	10.7	+0.1
Burbage LNR_T3_106m	10.2	10.5	10.6	+0.1
Burbage LNR_T3_116m	10.2	10.5	10.6	+0.1
Burbage LNR_T3_126m	10.2	10.5	10.6	+0.1
Burbage LNR_T3_136m	10.2	10.5	10.6	+0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Burbage LNR_T3_146m	10.2	10.5	10.6	+0.1
Burbage LNR_T3_156m	10.2	10.5	10.6	+0.1
Burbage LNR_T3_166m	10.2	10.5	10.6	+0.1
Burbage LNR_T3_176m	10.2	10.5	10.6	+0.1
Burbage LNR_T3_186m	10.2	10.5	10.6	+0.1
Burbage LNR_T3_196m	10.2	10.5	10.6	+0.1
Freeholt Wood AW_T1_55m	12.0	12.5	13.4	+0.9
Freeholt Wood AW_T1_65m	12.0	12.5	13.3	+0.8
Freeholt Wood AW_T1_75m	12.0	12.5	13.2	+0.7
Freeholt Wood AW_T1_85m	12.0	12.5	13.2	+0.7
Freeholt Wood AW_T1_95m	12.0	12.5	13.1	+0.6

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Freeholt Wood AW_T1_105m	12.0	12.5	13.1	+0.6
Freeholt Wood AW_T1_115m	12.0	12.5	13.0	+0.6
Freeholt Wood AW_T1_125m	12.0	12.5	13.0	+0.5
Freeholt Wood AW_T1_135m	12.0	12.5	13.0	+0.5
Freeholt Wood AW_T1_145m	12.0	12.5	12.9	+0.5
Freeholt Wood AW_T1_155m	12.0	12.5	12.9	+0.4
Freeholt Wood AW_T1_165m	12.0	12.5	12.9	+0.4
Freeholt Wood AW_T1_175m	12.0	12.5	12.9	+0.4
Freeholt Wood AW_T1_185m	12.0	12.5	12.9	+0.4
Freeholt Wood AW_T1_195m	12.0	12.5	12.9	+0.4
Aston Firs SSSI_T1_7m	10.6	12.4	12.2	-0.2

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
AstonFirs_SSSI_T1_17m	10.6	11.9	11.8	-0.1
Aston Firs SSSI_T1_27m	10.6	11.7	11.6	0.0
Aston Firs SSSI_T1_37m	10.6	11.5	11.5	0.0
Aston Firs SSSI_T1_47m	10.6	11.4	11.5	0.0
Aston Firs SSSI_T1_57m	10.6	11.4	11.4	0.0
Aston Firs SSSI_T1_67m	10.6	11.3	11.4	0.0
AstonFirs SSSI_T1_77m	10.6	11.3	11.3	+0.1
Aston Firs SSSI_T1_87m	10.6	11.3	11.3	+0.1
Aston Firs SSSI_T1_97m	10.6	11.2	11.3	+0.1
Aston Firs SSSI_T1_107m	10.6	11.2	11.3	+0.1
AstonFirsSSSI_T1_117m	10.6	11.2	11.3	+0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Aston Firs SSSI_T1_127m	10.6	11.2	11.2	+0.1
Aston Firs SSSI_T1_137m	10.6	11.2	11.2	+0.1
Aston Firs SSSI_T1_147m	10.6	11.1	11.2	+0.1
AstonFirsSSSI_T1_157m	10.6	11.1	11.2	+0.1
Aston Firs SSSI_T1_167m	10.6	11.1	11.2	+0.1
AstonFirsSSSI_T1_177m	10.6	11.1	11.2	+0.1
Aston Firs SSSI_T1_187m	10.6	11.1	11.2	+0.1
AstonFirsSSSI_T1_197m	10.6	11.1	11.2	+0.1
Aston Firs SSSI_T2_0m	10.6	12.8	12.6	-0.2
Aston Firs SSSI_T2_10m	10.6	12.0	12.0	0.0
Aston Firs SSSI_T2_20m	10.6	11.7	11.8	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Aston Firs SSSI_T2_30m	10.6	11.6	11.6	+0.1
Aston Firs SSSI_T2_40m	10.6	11.5	11.6	+0.1
Aston Firs SSSI_T2_50m	10.6	11.4	11.5	+0.1
Aston Firs SSSI_T2_60m	10.6	11.3	11.4	+0.1
Aston Firs SSSI_T2_70m	10.6	11.3	11.4	+0.1
Aston Firs SSSI_T2_80m	10.6	11.3	11.4	+0.1
Aston Firs SSSI_T2_90m	10.6	11.2	11.4	+0.1
Aston Firs SSSI_T2_100m	10.6	11.2	11.3	+0.1
Aston Firs SSSI_T2_110m	10.6	11.2	11.3	+0.1
Aston Firs SSSI_T2_120m	10.6	11.2	11.3	+0.1
Aston Firs SSSI_T2_130m	10.6	11.2	11.3	+0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Aston Firs SSSI_T2_140m	10.6	11.2	11.3	+0.1
Aston Firs SSSI_T2_150m	10.6	11.1	11.3	+0.1
Aston Firs SSSI_T2_160m	10.6	11.1	11.3	+0.1
Aston Firs SSSI_T2_170m	10.6	11.1	11.3	+0.1
Aston Firs SSSI_T2_180m	10.6	11.1	11.2	+0.1
Aston Firs SSSI_T2_190m	10.6	11.1	11.2	+0.1
Aston Firs SSSI_T2_200m	10.6	11.1	11.2	+0.1
Narbourough Bogs SSSI_127m	14.0	16.1	16.1	0.0
Narbourough Bogs SSSI_137m	14.0	16.0	16.0	0.0
Narbourough Bogs SSSI_147m	14.0	15.9	15.9	0.0
Narbourough Bogs SSSI_157m	14.0	15.8	15.9	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Narbourough Bogs SSSI_167m	14.0	15.8	15.8	0.0
Narbourough Bogs SSSI_187m	14.0	15.6	15.7	0.0
Narbourough Bogs SSSI_177m	14.0	15.7	15.7	0.0
Narbourough Bogs SSSI_197m	14.0	15.6	15.6	0.0

**Discrepancies in changes due to rounding effects*

Coventry City Council

Table 14.3: Coventry City Council critical level assessment in Opening Year 2026.

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Wyken Slough LNR_153m	20.0	25.2	25.3	+0.1
Wyken Slough LNR_163m	20.0	25.0	25.1	+0.1
Wyken Slough LNR_173m	20.0	24.8	24.9	+0.1
Wyken Slough LNR_183m	20.0	24.6	24.7	+0.1

Wyken Slough LNR_193m	20.0	24.4	24.5	+0.1

**Discrepancies in changes due to rounding effects*

Table 14.4: Coventry City Council critical level assessment in Future Year 2036.

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Wyken Slough LNR_153m	17.3	21.1	21.2	+0.1
Wyken Slough LNR_163m	17.3	20.9	21.0	+0.1
Wyken Slough LNR_173m	17.3	20.8	20.8	+0.1
Wyken Slough LNR_183m	17.3	20.6	20.7	+0.1
Wyken Slough LNR_193m	17.3	20.5	20.6	+0.1

**Discrepancies in changes due to rounding effects*

Harborough District Council

Table 14.5: Harborough District Council critical level assessment in Opening Year 2026.

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Cave's Inn Pits SSSI_96m	12.0	16.5	16.6	+0.1
Cave's Inn Pits SSSI_106m	12.0	16.3	16.5	+0.1
Cave's Inn Pits SSSI_116m	12.0	16.2	16.4	+0.1
Cave's Inn Pits SSSI_126m	12.0	16.1	16.3	+0.1
Cave's Inn Pits SSSI_136m	12.0	16.0	16.1	+0.1
Cave's Inn Pits SSSI_146m	12.0	16.0	16.2	+0.1
Cave's Inn Pits SSSI_156m	12.0	15.9	16.0	+0.1
Cave's Inn Pits SSSI_176m	12.0	15.8	16.0	+0.1
Cave's Inn Pits SSSI_186m	12.0	15.8	15.9	+0.1
Cave's Inn Pits SSSI_196m	12.0	15.7	15.8	+0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Shawell Wood AW_26m	14.0	**41.9**	**42.2**	+0.3
Shawell Wood AW_36m	14.0	**36.8**	**37.0**	+0.2
Shawell Wood AW_46m	14.0	**33.2**	**33.5**	+0.2
Shawell Wood AW_56m	11.7	28.5	28.7	+0.2
Shawell Wood AW_66m	11.7	26.6	26.8	+0.2
Shawell Wood AW_76m	11.7	25.1	25.3	+0.2
Shawell Wood AW_86m	11.7	23.9	24.1	+0.2
Shawell Wood AW_96m	11.7	23.0	23.1	+0.2
Shawell Wood AW_106m	11.7	22.1	22.3	+0.2
Shawell Wood AW_116m	11.7	21.4	21.6	+0.1
Shawell Wood AW_126m	11.7	20.8	21.0	+0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Shawell Wood AW_136m	11.7	20.3	20.4	+0.1
Shawell Wood AW_146m	11.7	19.8	20.0	+0.1
Shawell Wood AW_156m	11.7	19.4	19.6	+0.1
Shawell Wood AW_166m	11.7	19.1	19.2	+0.1
Shawell Wood AW_176m	11.7	18.7	18.9	+0.1
Shawell Wood AW_186m	11.7	18.5	18.6	+0.1
Shawell Wood AW_196m	11.7	18.2	18.3	+0.1

**Discrepancies in changes due to rounding effects*

Table 14.6: Harborough District Council critical level assessment in Future Year 2036.

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Cave's Inn Pits SSSI_96m	10.7	13.8	13.9	+0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Cave's Inn Pits SSSI_106m	10.7	13.7	13.8	+0.1
Cave's Inn Pits SSSI_116m	10.7	13.7	13.7	+0.1
Cave's Inn Pits SSSI_126m	10.7	13.6	13.7	+0.1
Cave's Inn Pits SSSI_136m	10.7	13.5	13.5	+0.1
Cave's Inn Pits SSSI_146m	10.7	13.5	13.6	+0.1
Cave's Inn Pits SSSI_156m	10.7	13.4	13.5	+0.1
Cave's Inn Pits SSSI_176m	10.7	13.4	13.5	+0.1
Cave's Inn Pits SSSI_186m	10.7	13.3	13.4	+0.1
Cave's Inn Pits SSSI_196m	10.7	13.3	13.4	+0.1
Shawell Wood AW_26m	12.6	**32.1**	**32.2**	+0.1
Shawell Wood AW_36m	12.6	28.5	28.6	+0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Shawell Wood AW_46m	12.6	26.0	26.1	+0.1
Shawell Wood AW_56m	10.3	22.0	22.1	+0.1
Shawell Wood AW_66m	10.3	20.7	20.8	+0.1
Shawell Wood AW_76m	10.3	19.6	19.7	+0.1
Shawell Wood AW_86m	10.3	18.8	18.9	+0.1
Shawell Wood AW_96m	10.3	18.2	18.2	+0.1
Shawell Wood AW_106m	10.3	17.6	17.7	+0.1
Shawell Wood AW_116m	10.3	17.1	17.2	+0.1
Shawell Wood AW_126m	10.3	16.7	16.7	+0.1
Shawell Wood AW_136m	10.3	16.3	16.4	+0.1
Shawell Wood AW_146m	10.3	16.0	16.1	+0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Shawell Wood AW_156m	10.3	15.7	15.8	+0.1
Shawell Wood AW_166m	10.3	15.4	15.5	+0.1
Shawell Wood AW_176m	10.3	15.2	15.3	+0.1
Shawell Wood AW_186m	10.3	15.0	15.1	+0.1
Shawell Wood AW_196m	10.3	14.8	14.9	+0.1

**Discrepancies in changes due to rounding effects*

Hinckley and Bosworth Borough Council

Table 14.7: Hinckley and Bosworth Borough Council critical level assessment in Opening Year 2026.

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Martinshaw Wood AW_T1_5m	13.8	**75.3**	**75.7**	+0.5
Martinshaw Wood AW_ T1_15m	13.8	**62.7**	**63.1**	+0.4

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Martinshaw Wood AW_ T1_25m	13.8	**54.4**	**54.7**	+0.3
Martinshaw Wood AW_ T1_35m	13.8	**48.7**	**49.0**	+0.3
Martinshaw Wood AW_ T1_45m	13.8	**44.5**	**44.8**	+0.3
Martinshaw Wood AW_ T1_55m	13.8	**41.3**	**41.6**	+0.3
Martinshaw Wood AW_ T1_65m	13.8	**38.7**	**38.9**	+0.2
Martinshaw Wood AW_ T1_75m	13.8	**36.5**	**36.8**	+0.2
Martinshaw Wood AW_ T1_85m	13.8	**34.8**	**35.0**	+0.2
Martinshaw Wood AW_ T1_95m	13.8	**33.3**	**33.5**	+0.2

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Martinshaw Wood AW_ T1_105m	13.8	**32.0**	**32.2**	+0.2
Martinshaw Wood AW_ T1_115m	13.8	**30.9**	**31.1**	+0.2
Martinshaw Wood AW_ T1_125m	13.8	29.9	**30.1**	+0.2
Martinshaw Wood AW_ T1_135m	13.8	29.0	29.2	+0.2
Martinshaw Wood AW_ T1_145m	13.8	28.2	28.4	+0.2
Martinshaw Wood AW_ T1_155m	13.8	27.5	27.7	+0.2
Martinshaw Wood AW_ T1_165m	13.8	26.9	27.1	+0.2
Martinshaw Wood AW_ T1_175m	13.8	26.4	26.5	+0.2

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Martinshaw Wood AW_ T1_185m	13.8	25.9	26.0	+0.1
Martinshaw Wood AW_ T1_195m	13.8	25.4	25.5	+0.1
Martinshaw Wood AW_T2_23m	13.8	**32.2**	**32.4**	+0.2
Martinshaw Wood AW_T2_33m	13.8	29.4	29.6	+0.2
Martinshaw Wood AW_T2_43m	13.8	27.3	27.5	+0.2
Martinshaw Wood AW_T2_53m	13.8	25.8	25.9	0.2
Martinshaw Wood AW_T2_63m	13.8	24.6	24.8	+0.1
Martinshaw Wood AW_T2_73m	13.8	23.6	23.8	+0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Martinshaw Wood AW_T2_83m	13.8	22.8	22.9	+0.1
Martinshaw Wood AW_T2_93m	13.8	22.1	22.2	+0.1
Martinshaw Wood AW_T2_103m	13.8	21.5	21.7	+0.1
Martinshaw Wood AW_T2_113m	13.8	21.0	21.1	+0.1
Martinshaw Wood AW_T2_123m	13.8	20.6	20.7	+0.1
Martinshaw Wood AW_T2_133m	13.8	20.2	20.3	+0.1
Martinshaw Wood AW_T2_143m	13.8	19.9	20.0	+0.1
Martinshaw Wood AW_T2_153m	13.8	19.6	19.7	+0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Martinshaw Wood AW_T2_163m	13.8	19.3	19.4	+0.1
Martinshaw Wood AW_T2_173m	13.1	18.4	18.5	+0.1
Martinshaw Wood AW_T2_183m	13.1	18.1	18.2	+0.1
Martinshaw Wood AW_T2_193m	13.1	18.0	18.0	+0.1

**Discrepancies in changes due to rounding effects*

Table 14.8: Hinckley and Bosworth Borough Council critical level assessment in Future Year 2036.

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Martinshaw Wood AW_T1_5m	12.1	**52.6**	**53.8**	+1.2
Martinshaw Wood AW_ T1_15m	12.1	**44.3**	**45.3**	+1.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Martinshaw Wood AW_ T1_25m	12.1	**38.9**	**39.7**	+0.8
Martinshaw Wood AW_ T1_35m	12.1	**35.1**	**35.8**	+0.7
Martinshaw Wood AW_ T1_45m	12.1	**32.4**	**33.0**	+0.6
Martinshaw Wood AW_ T1_55m	12.1	**30.2**	**30.8**	+0.6
Martinshaw Wood AW_ T1_65m	12.1	28.5	29.0	+0.5
Martinshaw Wood AW_ T1_75m	12.1	27.1	27.6	+0.5
Martinshaw Wood AW_ T1_85m	12.1	26.0	26.4	+0.5
Martinshaw Wood AW_ T1_95m	12.1	25.0	25.4	+0.4

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Martinshaw Wood AW_ T1_105m	12.1	24.1	24.5	+0.4
Martinshaw Wood AW_ T1_115m	12.1	23.4	23.8	+0.4
Martinshaw Wood AW_ T1_125m	12.1	22.8	23.1	+0.4
Martinshaw Wood AW_ T1_135m	12.1	22.2	22.5	+0.3
Martinshaw Wood AW_ T1_145m	12.1	21.6	22.0	+0.3
Martinshaw Wood AW_ T1_155m	12.1	21.2	21.5	+0.3
Martinshaw Wood AW_ T1_165m	12.1	20.8	21.1	+0.3
Martinshaw Wood AW_ T1_175m	12.1	20.4	20.7	+0.3

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Martinshaw Wood AW_ T1_185m	12.1	20.1	20.4	+0.3
Martinshaw Wood AW_ T1_195m	12.1	19.8	20.0	+0.3
Martinshaw Wood AW_T2_23m	12.1	24.3	24.7	+0.4
Martinshaw Wood AW_T2_33m	12.1	22.4	22.8	+0.4
Martinshaw Wood AW_T2_43m	12.1	21.1	21.4	+0.3
Martinshaw Wood AW_T2_53m	12.1	20.0	20.3	+0.3
Martinshaw Wood AW_T2_63m	12.1	19.3	19.5	+0.3
Martinshaw Wood AW_T2_73m	12.1	18.6	18.8	+0.2

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Martinshaw Wood AW_T2_83m	12.1	18.1	18.3	+0.2
Martinshaw Wood AW_T2_93m	12.1	17.6	17.8	+0.2
Martinshaw Wood AW_T2_103m	12.1	17.2	17.4	+0.2
Martinshaw Wood AW_T2_113m	12.1	16.9	17.1	+0.2
Martinshaw Wood AW_T2_123m	12.1	16.6	16.8	+0.2
Martinshaw Wood AW_T2_133m	12.1	16.3	16.5	+0.2
Martinshaw Wood AW_T2_143m	12.1	16.1	16.3	+0.2
Martinshaw Wood AW_T2_153m	12.1	15.9	16.1	+0.2

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change* (µg.m^{-3})
Martinshaw Wood AW_T2_163m	12.1	15.8	15.9	+0.2
Martinshaw Wood AW_T2_173m	11.7	15.1	15.3	+0.1
Martinshaw Wood AW_T2_183m	11.7	15.0	15.1	+0.1
Martinshaw Wood AW_T2_193m	11.7	14.9	15.0	+0.1

**Discrepancies in changes due to rounding effects*

North West Leicestershire District Council

Table 14.9: North West Leicestershire District Council critical level assessment in Opening Year 2026.

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Oakley Wood SSSI_T1_33m	14.3	28.2	28.4	+0.2
Oakley Wood SSSI_T1_43m	14.3	27.3	27.5	+0.2
Oakley Wood SSSI_T1_53m	14.3	26.5	26.7	+0.2

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Oakley Wood SSSI_T1_63m	14.3	25.7	25.9	+0.2
Oakley Wood SSSI_T1_73m	14.3	24.4	24.6	+0.2
Oakley Wood SSSI_T1_83m	14.3	25.1	25.2	+0.2
Oakley Wood SSSI_T1_93m	14.3	23.4	23.6	+0.2
Oakley Wood SSSI_T1_103m	14.3	23.9	24.1	+0.2
Oakley Wood SSSI_T1_113m	14.3	22.6	22.7	+0.2
Oakley Wood SSSI_T1_123m	14.3	23.0	23.1	+0.2
Oakley Wood SSSI_T1_133m	14.3	21.9	22.0	+0.1
Oakley Wood SSSI_T1_143m	14.3	22.2	22.3	+0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Oakley Wood SSSI_T1_153m	14.3	21.6	21.7	+0.1
Oakley Wood SSSI_T1_163m	14.3	21.3	21.4	+0.1
Oakley Wood SSSI_T1_173m	14.3	21.0	21.2	+0.1
Oakley Wood SSSI_T1_183m	14.3	20.8	20.9	+0.1
Oakley Wood SSSI_T1_193m	14.3	20.6	20.7	+0.1
Piper Wood AW_T1_24m	12.2	21.2	21.3	+0.2
Pipers Wood AW_T1_34m	12.2	20.5	20.6	+0.2
Pipers Wood AW_T1_44m	12.2	19.8	20.0	+0.2
Pipers Wood AW_T1_54m	12.2	19.2	19.4	+0.2

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Piper Wood AW_T1_64m	12.2	18.7	18.9	+0.1
Pipers Wood AW_T1_74m	12.2	18.3	18.5	+0.1
Pipers Wood AW_T1_84m	12.2	17.9	18.1	+0.1
Pipers Wood AW_T1_94m	12.2	17.6	17.7	+0.1
Pipers Wood AW_T1_104m	12.2	17.3	17.4	+0.1
Piper Wood AW_T1_114m	12.2	17.0	17.2	+0.1
Pipers Wood AW_T1_124m	12.2	16.8	16.9	+0.1
Pipers Wood AW_T1_134m	12.2	16.6	16.7	+0.1
Pipers Wood AW_T1_144m	12.2	16.4	16.5	+0.1
Piper Wood AW_T1_154m	12.2	16.2	16.4	+0.1
Pipers Wood AW_T1_164m	12.2	16.1	16.2	+0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Pipers Wood AW_T1_174m	12.2	15.9	16.0	+0.1
Pipers Wood AW_T1_184m	12.2	15.8	15.9	+0.1
Pipers Wood AW_T1_194m	12.2	15.7	15.8	+0.1
Pipers Wood AW_T2_29m	15.5	**30.5**	**31.4**	+0.9
Pipers Wood AW_T2_39m	15.5	29.5	**30.2**	+0.8
Pipers Wood AW_T2_49m	15.5	28.6	29.2	+0.7
Pipers Wood AW_T2_69m	15.5	27.1	27.6	+0.5
Pipers Wood AW_T2_59m	15.5	27.8	28.4	+0.6
Pipers Wood AW_T2_79m	15.5	26.4	26.9	+0.5
Pipers Wood AW_T2_99m	15.5	25.4	25.8	+0.4
Pipers Wood AW_T2_89m	15.5	25.9	26.3	+0.4

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Pipers Wood AW_T2_129m	15.5	24.1	24.4	+0.3
Pipers Wood AW_T2_109m	15.5	24.9	25.3	+0.4
Pipers Wood AW_T2_139m	15.5	23.7	24.0	+0.3
Pipers Wood AW_T2_119m	15.5	24.5	24.8	+0.4
Pipers Wood AW_T2_149m	15.5	23.4	23.7	+0.3
Pipers Wood AW_T2_159m	15.5	23.1	23.3	+0.3
Tonge Gorse AW_3m	12.1	28.7	28.9	+0.2
Tonge Gorse AW_13m	12.1	23.4	23.5	+0.1
Tonge Gorse AW_23m	12.1	20.7	20.8	+0.1
Tonge Gorse AW_33m	12.1	19.1	19.2	+0.1
Tonge Gorse AW_43m	12.1	18.1	18.1	+0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Tonge Gorse AW_53m	12.1	17.3	17.4	+0.1
Tonge Gorse AW_63m	12.1	16.7	16.8	+0.1
Tonge Gorse AW_73m	12.1	16.3	16.3	+0.1
Tonge Gorse AW_83m	12.1	15.9	15.9	0.0
Tonge Gorse AW_93m	12.1	15.6	15.6	0.0
Tonge Gorse AW_103m	12.1	15.3	15.4	0.0
Tonge Gorse AW_113m	12.1	15.1	15.2	0.0
Tonge Gorse AW_123m	12.1	14.9	15.0	0.0
Tonge Gorse AW_133m	12.1	14.8	14.8	0.0
Tonge Gorse AW_143m	12.1	14.6	14.7	0.0
Tonge Gorse AW_153m	12.1	14.5	14.5	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Tonge Gorse AW_163m	12.1	14.4	14.4	0.0
Tonge Gorse AW_173m	12.1	14.3	14.3	0.0
Tonge Gorse AW_183m	12.1	14.2	14.2	0.0
Tonge Gorse AW_193m	12.1	14.1	14.1	0.0
Lount Meadows SSSI_15m	11.0	22.8	22.9	+0.1
Lount Meadows SSSI_25m	11.0	20.5	20.5	+0.1
Lount Meadows SSSI_35m	11.0	18.9	19.0	+0.1
Lount Meadows SSSI_45m	11.0	17.8	17.9	+0.1
Lount Meadows SSSI_55m	11.0	17.0	17.1	+0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Lount Meadows SSSI_65m	11.0	16.4	16.5	0.0
Lount Meadows SSSI_75m	11.0	15.9	15.9	0.0
Lount Meadows SSSI_85m	11.0	15.5	15.5	0.0
Lount Meadows SSSI_95m	11.0	15.1	15.2	0.0
Lount Meadows SSSI_105m	11.0	14.8	14.9	0.0
Lount Meadows SSSI_105m	11.0	14.8	14.9	0.0
Lount Meadows SSSI_115m	11.0	14.4	14.4	0.0
Lount Meadows SSSI_125m	11.0	14.2	14.2	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Lount Meadows SSSI_135m	11.0	14.0	14.0	0.0
Lount Meadows SSSI_145m	11.0	13.9	13.9	0.0
Lount Meadows SSSI_155m	11.0	13.7	13.8	0.0
Lount Meadows SSSI 165m	11.0	13.6	13.6	0.0
Lount Meadows SSSI 175m	11.0	13.5	13.5	0.0
Lount Meadows SSSI 185m	11.0	13.4	13.4	0.0
River Mease SAC north 0m	10.4	27.1	27.2	+0.1
River Mease SAC north 10m	9.8	22.9	23.0	+0.1
River Mease SAC north 20m	9.8	20.2	20.2	+0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
River Mease SAC north 30m	9.8	18.3	18.4	+0.1
River Mease SAC north 40m	9.8	17.0	17.1	+0.1
River Mease SAC north 50m	9.8	16.1	16.1	0.0
River Mease SAC north 60m	9.8	15.4	15.4	0.0
River Mease SAC north 70m	9.8	14.9	14.9	0.0
River Mease SAC north 80m	9.8	14.4	14.4	0.0
River Mease SAC north 90m	9.8	14.1	14.1	0.0
River Mease SAC north 100m	9.8	13.8	13.8	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
River Mease SAC north 110m	9.8	13.5	13.5	0.0
River Mease SAC north 120m	9.8	13.2	13.3	0.0
River Mease SAC north 130m	9.8	13.0	13.1	0.0
River Mease SAC north 140m	9.8	12.8	12.9	0.0
River Mease SAC north 150m	9.8	12.7	12.7	0.0
River Mease SAC north 160m	9.8	12.5	12.6	0.0
River Mease SAC_ north 170m	9.8	12.4	12.4	0.0
River Mease SAC north 180m	9.8	12.3	12.3	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
River Mease SAC north 190m	9.8	12.3	12.3	0.0
River Mease SAC north 200m	9.8	12.4	12.4	0.0
River Mease SAC south 0m	10.4	27.2	27.3	+0.1
River Mease SAC south 10m	10.4	23.7	23.8	+0.1
River Mease SAC south 20m	10.4	21.0	21.0	+0.1
River Mease SAC south 30m	10.4	19.1	19.1	+0.1
River Mease SAC south 40m	10.4	17.8	17.8	+0.1
River Mease SAC south 50m	10.4	16.9	16.9	0.0
River Mease SAC south 60m	10.4	16.1	16.2	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
River Mease SAC south 70m	10.4	15.6	15.6	0.0
River Mease SAC south 80m	10.4	15.1	15.2	0.0
River Mease SAC south 90m	10.4	14.8	14.8	0.0
River Mease SAC south 100m	10.4	14.7	14.7	0.0
River Mease SAC south 110m	10.4	14.7	14.7	0.0
River Mease SAC south 120m	10.4	14.7	14.7	0.0
River Mease SAC south 130m	10.4	14.5	14.5	0.0
River Mease SAC south 140m	10.4	14.2	14.2	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
River Mease SAC south 150m	10.4	14.1	14.1	0.0
River Mease SAC south 160m	10.4	14.0	14.0	0.0
River Mease SAC south 170m	10.4	14.0	14.0	0.0
River Mease SAC south 180m	10.4	13.8	13.9	0.0
River Mease SAC south 190m	10.4	13.7	13.7	0.0
River Mease SAC south 200m	10.4	13.5	13.6	0.0

Table 14.10: North West Leicestershire District critical level assessment in Future Year 2036.

Ecological Receptor	Defra NOx Background Concentration 2030 ($\mu g.m^{-3}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Concentration Change ($\mu g.m^{-3}$)
Oakley Wood SSSI_T1_33m	12.5	21.7	22.0	+0.3
Oakley Wood SSSI_T1_43m	12.5	21.1	21.4	+0.3
Oakley Wood SSSI_T1_53m	12.5	20.6	20.8	+0.2
Oakley Wood SSSI_T1_63m	12.5	20.1	20.3	+0.2
Oakley Wood SSSI_T1_73m	12.5	19.2	19.4	+0.2
Oakley Wood SSSI_T1_83m	12.5	19.6	19.8	+0.2
Oakley Wood SSSI_T1_93m	12.5	18.5	18.7	+0.2
Oakley Wood SSSI_T1_103m	12.5	18.9	19.1	+0.2
Oakley Wood SSSI_T1_113m	12.5	18.0	18.2	+0.2
Oakley Wood SSSI_T1_123m	12.5	18.2	18.4	+0.2
Oakley Wood SSSI_T1_133m	12.5	17.5	17.7	+0.2
Oakley Wood SSSI_T1_143m	12.5	17.7	17.9	+0.2

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Oakley Wood SSSI_T1_153m	12.5	17.3	17.5	+0.2
Oakley Wood SSSI_T1_163m	12.5	17.1	17.3	+0.2
Oakley Wood SSSI_T1_173m	12.5	17.0	17.1	+0.1
Oakley Wood SSSI_T1_183m	12.5	16.8	16.9	+0.1
Oakley Wood SSSI_T1_193m	12.5	16.7	16.8	+0.1
Piper Wood AW_T1_24m	10.9	17.0	17.1	0.0
Pipers Wood AW_T1_34m	10.9	16.6	16.6	0.0
Pipers Wood AW_T1_44m	10.9	16.1	16.1	0.0
Pipers Wood AW_T1_54m	10.9	15.7	15.8	0.0
Piper Wood AW_T1_64m	10.9	15.4	15.4	0.0
Pipers Wood AW_T1_74m	10.9	15.1	15.1	+0.1
Pipers Wood AW_T1_84m	10.9	14.8	14.9	+0.1
Pipers Wood AW_T1_94m	10.9	14.6	14.6	+0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Pipers Wood AW_T1_104m	10.9	14.4	14.4	+0.1
Piper Wood AW_T1_114m	10.9	14.2	14.3	+0.1
Pipers Wood AW_T1_124m	10.9	14.0	14.1	+0.1
Pipers Wood AW_T1_134m	10.9	13.9	14.0	+0.1
Pipers Wood AW_T1_144m	10.9	13.8	13.8	+0.1
Piper Wood AW_T1_154m	10.9	13.6	13.7	+0.1
Pipers Wood AW_T1_164m	10.9	13.5	13.6	+0.1
Pipers Wood AW_T1_174m	10.9	13.4	13.5	+0.1
Pipers Wood AW_T1_184m	10.9	13.4	13.4	+0.1
Pipers Wood AW_T1_194m	10.9	13.3	13.3	+0.1
Pipers Wood AW_T2_29m	13.3	23.4	24.0	+0.6
Pipers Wood AW_T2_39m	13.3	22.7	23.2	+0.5

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Pipers Wood AW_T2_49m	13.3	22.1	22.6	+0.4
Pipers Wood AW_T2_69m	13.3	21.1	21.5	+0.3
Pipers Wood AW_T2_59m	13.3	21.6	22.0	+0.4
Pipers Wood AW_T2_79m	13.3	20.7	21.0	+0.3
Pipers Wood AW_T2_99m	13.3	20.0	20.2	+0.3
Pipers Wood AW_T2_89m	13.3	20.3	20.6	+0.3
Pipers Wood AW_T2_129m	13.3	19.1	19.3	+0.2
Pipers Wood AW_T2_109m	13.3	19.7	19.9	+0.2
Pipers Wood AW_T2_139m	13.3	18.9	19.1	+0.2
Pipers Wood AW_T2_119m	13.3	19.4	19.6	+0.2
Pipers Wood AW_T2_149m	13.3	18.7	18.8	+0.1
Pipers Wood AW_T2_159m	13.3	18.5	18.6	+0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Tonge Gorse AW_3m	10.8	22.2	22.4	+0.2
Tonge Gorse AW_13m	10.8	18.5	18.6	+0.1
Tonge Gorse AW_23m	10.8	16.7	16.8	+0.1
Tonge Gorse AW_33m	10.8	15.6	15.7	+0.1
Tonge Gorse AW_43m	10.8	14.9	15.0	+0.1
Tonge Gorse AW_53m	10.8	14.4	14.4	+0.1
Tonge Gorse AW_63m	10.8	14.0	14.0	+0.1
Tonge Gorse AW_73m	10.8	13.7	13.7	0.0
Tonge Gorse AW_83m	10.8	13.4	13.4	0.0
Tonge Gorse AW_93m	10.8	13.2	13.2	0.0
Tonge Gorse AW_103m	10.8	13.0	13.1	0.0
Tonge Gorse AW_113m	10.8	12.9	12.9	0.0
Tonge Gorse AW_123m	10.8	12.7	12.8	0.0
Tonge Gorse AW_133m	10.8	12.6	12.7	0.0
Tonge Gorse AW_143m	10.8	12.5	12.6	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Tonge Gorse AW_153m	10.8	12.4	12.5	0.0
Tonge Gorse AW_163m	10.8	12.4	12.4	0.0
Tonge Gorse AW_173m	10.8	12.3	12.3	0.0
Tonge Gorse AW_183m	10.8	12.2	12.3	0.0
Tonge Gorse AW_193m	10.8	12.2	12.2	0.0
Lount Meadows SSSI_15m	9.9	18.0	18.1	+0.1
Lount Meadows SSSI_25m	9.9	16.4	16.4	+0.1
Lount Meadows SSSI_35m	9.9	15.3	15.4	+0.1
Lount Meadows SSSI_45m	9.9	14.6	14.6	+0.1
Lount Meadows SSSI_55m	9.9	14.0	14.1	0.0
Lount Meadows SSSI_65m	9.9	13.6	13.6	0.0
Lount Meadows SSSI_75m	9.9	13.2	13.3	0.0
Lount Meadows SSSI_85m	9.9	13.0	13.0	0.0
Lount Meadows SSSI_95m	9.9	12.7	12.8	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Lount Meadows SSSI_105m	9.9	12.5	12.6	0.0
Lount Meadows SSSI_105m	9.9	12.5	12.6	0.0
Lount Meadows SSSI_115m	9.9	12.2	12.2	0.0
Lount Meadows SSSI_125m	9.9	12.1	12.1	0.0
Lount Meadows SSSI_135m	9.9	11.9	12.0	0.0
Lount Meadows SSSI_145m	9.9	11.8	11.9	0.0
Lount Meadows SSSI_155m	9.9	11.7	11.8	0.0
Lount Meadows SSSI_165m	9.9	11.7	11.7	0.0
Lount Meadows SSSI_175m	9.9	11.6	11.6	0.0
Lount Meadows SSSI_185m	9.9	11.5	11.6	0.0
River Mease SAC_north_0m	9.3	20.6	20.7	+0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
River Mease SAC_north_10m	8.9	17.7	17.8	+0.1
River Mease SAC_north_20m	8.9	15.9	15.9	+0.1
River Mease SAC_north_30m	8.9	14.6	14.7	0.0
River Mease SAC_north_40m	8.9	13.7	13.8	0.0
River Mease SAC_north_50m	8.9	13.1	13.2	0.0
River Mease SAC_north_60m	8.9	12.6	12.7	0.0
River Mease SAC_north_70m	8.9	12.3	12.3	0.0
River Mease SAC_north_80m	8.9	12.0	12.0	0.0
River Mease SAC_north_90m	8.9	11.7	11.8	0.0
River Mease SAC_north_100m	8.9	11.5	11.6	0.0
River Mease SAC_north_110m	8.9	11.4	11.4	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
River Mease SAC_north_120m	8.9	11.2	11.2	0.0
River Mease SAC_north_130m	8.9	11.0	11.1	0.0
River Mease SAC_north_140m	8.9	10.9	10.9	0.0
River Mease SAC_north_150m	8.9	10.8	10.8	0.0
River Mease SAC_north_160m	8.9	10.7	10.7	0.0
River Mease SAC_north_170m	8.9	10.6	10.6	0.0
River Mease SAC_north_180m	8.9	10.6	10.6	0.0
River Mease SAC_north_190m	8.9	10.6	10.6	0.0
River Mease SAC_north_200m	8.9	10.6	10.6	0.0
River Mease SAC_south_0m	9.3	20.6	20.7	+0.1
River Mease SAC_south_10m	9.3	18.3	18.4	+0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
River Mease SAC_south_20m	9.3	16.4	16.5	+0.1
River Mease SAC_south_30m	9.3	15.2	15.2	0.0
River Mease SAC_south_40m	9.3	14.3	14.3	0.0
River Mease SAC_south_50m	9.3	13.7	13.7	0.0
River Mease SAC_south_60m	9.3	13.2	13.2	0.0
River Mease SAC_south_70m	9.3	12.8	12.8	0.0
River Mease SAC_south_80m	9.3	12.5	12.5	0.0
River Mease SAC_south_90m	9.3	12.3	12.3	0.0
River Mease SAC_south_100m	9.3	12.2	12.2	0.0
River Mease SAC_south_110m	9.3	12.2	12.2	0.0
River Mease SAC_south_120m	9.3	12.2	12.2	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
River Mease SAC_south_130m	9.3	12.1	12.1	0.0
River Mease SAC_south_140m	9.3	11.9	11.9	0.0
River Mease SAC_south_150m	9.3	11.8	11.8	0.0
River Mease SAC_south_160m	9.3	11.7	11.8	0.0
River Mease SAC_south_170m	9.3	11.7	11.7	0.0
River Mease SAC_south_180m	9.3	11.6	11.6	0.0
River Mease SAC_south_190m	9.3	11.5	11.6	0.0
River Mease SAC_south_200m	9.3	11.4	11.5	0.0

North Warwickshire District Council

Table 14.11: North Warwickshire District Council critical level assessment in Opening Year 2026.

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Bramcote Covert AW_106m	12.6	15.8	15.8	0.0
Bramcote Covert AW_116m	12.6	15.6	15.6	0.0
Bramcote Covert AW_126m	12.6	15.4	15.4	0.0
Bramcote Covert AW_136m	12.6	15.2	15.2	0.0
Bramcote Covert AW_146m	12.6	15.1	15.1	0.0
Bramcote Covert AW_156m	12.6	14.9	15.0	0.0
Bramcote Covert AW_166m	12.6	14.8	14.8	0.0
Bramcote Covert AW_176m	12.6	14.7	14.7	0.0
Bramcote Covert AW_186m	12.6	14.6	14.6	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Bramcote Covert AW_196m	12.6	14.5	14.6	0.0
Alvecote Pools SSSI_86m	12.9	17.1	17.2	0.0
Alvecote Pools SSSI_96m	12.9	16.8	16.8	0.0
Alvecote Pools SSSI_106m	12.9	16.5	16.5	0.0
Alvecote Pools SSSI_116m	12.9	16.3	16.3	0.0
Alvecote Pools SSSI_126m	12.9	16.1	16.1	0.0
Alvecote Pools SSSI_136m	12.9	15.9	15.9	0.0
Alvecote Pools SSSI_146m	12.9	15.7	15.7	0.0
Alvecote Pools SSSI_156m	12.9	15.6	15.6	0.0
Alvecote Pools SSSI_166m	12.9	15.4	15.5	0.0
Alvecote Pools SSSI_176m	12.9	15.3	15.3	0.0
Alvecote Pools SSSI_186m	12.9	15.2	15.2	0.0
Alvecote Pools SSSI_196m	12.9	15.1	15.1	0.0
Grendon Wood AW_50m	10.7	12.2	12.2	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Grendon Wood AW_60m	10.7	12.1	12.1	0.0
Grendon Wood AW_70m	10.7	11.9	12.0	0.0
Grendon Wood AW_90m	10.7	11.8	11.8	0.0
Grendon Wood AW_80m	10.7	11.9	11.9	0.0
Grendon Wood AW_100m	10.7	11.7	11.7	0.0
Grendon Wood AW_110m	10.7	11.7	11.7	0.0
Grendon Wood AW_120m	10.7	11.6	11.7	0.0
Grendon Wood AW_130m	10.7	11.6	11.6	0.0
Grendon Wood AW_140m	10.7	11.6	11.6	0.0
Grendon Wood AW_150m	10.7	11.5	11.6	0.0
Grendon Wood AW_160m	10.7	11.5	11.5	0.0
Grendon Wood AW_170m	10.7	11.5	11.5	0.0
Grendon Wood AW_180m	10.7	11.5	11.5	0.0
Grendon Wood AW_190m	10.7	11.4	11.5	0.0
Grendon Wood AW_200m	10.7	11.4	11.4	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Sparrowdale Wood AW_150m	11.1	12.1	12.1	0.0
Sparrowdale Wood AW_160m	11.1	12.1	12.1	0.0
Sparrowdale Wood AW_170m	11.1	12.0	12.1	0.0
Sparrowdale Wood AW_180m	11.1	12.0	12.0	0.0
Sparrowdale Wood AW_190m	11.1	12.0	12.0	0.0
Sparrowdale Wood AW_200m	11.1	12.0	12.0	0.0
Daniels Wood AW_40m	17.3	28.2	28.3	+0.1
Daniels Wood AW_50m	17.3	26.9	27.0	+0.1
Daniels Wood AW_60m	17.3	25.9	26.0	+0.1
Daniels Wood AW_70m	17.3	25.0	25.1	+0.1
Daniels Wood AW_80m	17.3	24.4	24.4	+0.1
Daniels Wood AW_90m	17.3	23.8	23.9	+0.1
Daniels Wood AW_100m	17.3	23.3	23.4	+0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Daniels Wood AW_110m	17.3	22.9	23.0	+0.1
Daniels Wood AW_120m	17.3	22.5	22.6	+0.1
Daniels Wood AW_130m	17.3	22.2	22.3	+0.1
Daniels Wood AW_140m	17.3	21.9	22.0	0.0
Daniels Wood AW_150m	17.3	21.7	21.7	0.0
Daniels Wood AW_160m	17.3	21.5	21.5	0.0
Daniels Wood AW_170m	17.3	21.3	21.3	0.0
Daniels Wood AW_180m	17.3	21.1	21.1	0.0
Daniels Wood AW_190m	17.3	20.9	20.9	0.0
Daniels Wood AW_200m	17.3	20.8	20.8	0.0

Table 14.12: North Warwickshire District critical level assessment in Future Year 2036.

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Bramcote Covert AW_106m	11.0	13.2	13.2	0.0
Bramcote Covert AW_116m	11.0	13.1	13.1	0.0
Bramcote Covert AW_126m	11.0	12.9	12.9	0.0
Bramcote Covert AW_136m	11.0	12.8	12.8	0.0
Bramcote Covert AW_146m	11.0	12.7	12.7	0.0
Bramcote Covert AW_156m	11.0	12.6	12.6	0.0
Bramcote Covert AW_166m	11.0	12.5	12.6	0.0
Bramcote Covert AW_176m	11.0	12.5	12.5	0.0
Bramcote Covert AW_186m	11.0	12.4	12.4	0.0
Bramcote Covert AW_196m	11.0	12.3	12.4	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Alvecote Pools SSSI_86m	11.4	14.3	14.4	0.0
Alvecote Pools SSSI_96m	11.4	14.1	14.1	0.0
Alvecote Pools SSSI_106m	11.4	13.9	13.9	0.0
Alvecote Pools SSSI_116m	11.4	13.7	13.7	0.0
Alvecote Pools SSSI_126m	11.4	13.6	13.6	0.0
Alvecote Pools SSSI_136m	11.4	13.5	13.5	0.0
Alvecote Pools SSSI_146m	11.4	13.3	13.4	0.0
Alvecote Pools SSSI_156m	11.4	13.2	13.3	0.0
Alvecote Pools SSSI_166m	11.4	13.2	13.2	0.0
Alvecote Pools SSSI_176m	11.4	13.1	13.1	0.0
Alvecote Pools SSSI_186m	11.4	13.0	13.0	0.0
Alvecote Pools SSSI_196m	11.4	12.9	13.0	0.0
Grendon Wood AW_50m	9.8	10.8	10.8	0.0
Grendon Wood AW_60m	9.8	10.7	10.7	0.0
Grendon Wood AW_70m	9.8	10.6	10.6	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Grendon Wood AW_90m	9.8	10.5	10.5	0.0
Grendon Wood AW_80m	9.8	10.5	10.5	0.0
Grendon Wood AW_100m	9.8	10.4	10.5	0.0
Grendon Wood AW_110m	9.8	10.4	10.4	0.0
Grendon Wood AW_120m	9.8	10.4	10.4	0.0
Grendon Wood AW_130m	9.8	10.4	10.4	0.0
Grendon Wood AW_140m	9.8	10.3	10.3	0.0
Grendon Wood AW_150m	9.8	10.3	10.3	0.0
Grendon Wood AW_160m	9.8	10.3	10.3	0.0
Grendon Wood AW_170m	9.8	10.3	10.3	0.0
Grendon Wood AW_180m	9.8	10.3	10.3	0.0
Grendon Wood AW_190m	9.8	10.3	10.3	0.0
Grendon Wood AW_200m	9.8	10.2	10.3	0.0
Sparrowdale Wood AW_150m	10.2	10.9	10.9	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Sparrowdale Wood AW_160m	10.2	10.9	10.9	0.0
Sparrowdale Wood AW_170m	10.2	10.9	10.9	0.0
Sparrowdale Wood AW_180m	10.2	10.8	10.8	0.0
Sparrowdale Wood AW_190m	10.2	10.8	10.8	0.0
Sparrowdale Wood AW_200m	10.2	10.8	10.8	0.0
Daniels Wood AW_40m	14.7	22.6	22.6	+0.1
Daniels Wood AW_50m	14.7	21.6	21.7	+0.1
Daniels Wood AW_60m	14.7	20.9	20.9	+0.1
Daniels Wood AW_70m	14.7	20.3	20.3	+0.1
Daniels Wood AW_80m	14.7	19.8	19.8	+0.1
Daniels Wood AW_90m	14.7	19.4	19.4	+0.1
Daniels Wood AW_100m	14.7	19.0	19.1	0.0
Daniels Wood AW_110m	14.7	18.7	18.8	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Daniels Wood AW_120m	14.7	18.5	18.5	0.0
Daniels Wood AW_130m	14.7	18.2	18.3	0.0
Daniels Wood AW_140m	14.7	18.0	18.1	0.0
Daniels Wood AW_150m	14.7	17.8	17.9	0.0
Daniels Wood AW_160m	14.7	17.7	17.7	0.0
Daniels Wood AW_170m	14.7	17.5	17.6	0.0
Daniels Wood AW_180m	14.7	17.4	17.4	0.0
Daniels Wood AW_190m	14.7	17.3	17.3	0.0
Daniels Wood AW_200m	14.7	17.2	17.2	0.0

Nuneaton and Bedworth Borough Council

Table 14.13: Nuneaton and Bedworth Borough Council critical level assessment in Opening Year 2026.

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Many Lands Wood AW_142m	13.4	17.7	17.8	+0.1
Many Lands Wood AW_152m	13.4	17.5	17.6	0.0
Many Lands Wood AW_162m	13.4	17.3	17.4	0.0
Many Lands Wood AW_172m	13.4	17.0	17.0	0.0
Many Lands Wood AW_182m	13.4	17.2	17.2	0.0
Many Lands Wood AW_192m	13.4	16.9	16.9	0.0
Many Lands Wood AW_202m	13.4	16.7	16.8	0.0

Table 14.14: Nuneaton and Bedworth Borough Council critical level assessment in Future Year 2036.

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Many Lands Wood AW_142m	11.8	14.9	15.0	0.0
Many Lands Wood AW_152m	11.8	14.8	14.8	0.0
Many Lands Wood AW_162m	11.8	14.7	14.7	0.0
Many Lands Wood AW_172m	11.8	14.4	14.5	0.0
Many Lands Wood AW_182m	11.8	14.5	14.6	0.0
Many Lands Wood AW_192m	11.8	14.3	14.3	0.0
Many Lands Wood AW_202m	11.8	14.2	14.2	0.0

Rugby Borough Council

Table 14.15: Rugby Borough Council critical level assessment in Opening Year 2026.

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Ashlawn Cutting LNR_44m	12.3	**33.4**	**33.5**	+0.2
Ashlawn Cutting LNR_54m	12.3	**30.7**	**30.9**	+0.2
Ashlawn Cutting LNR_64m	12.3	28.7	28.8	+0.2
Ashlawn Cutting LNR_74m	12.3	27.1	27.2	+0.2
Ashlawn Cutting LNR_84m	12.3	25.8	26.0	+0.2
Ashlawn Cutting LNR_94m	12.3	24.7	24.9	+0.2
Ashlawn Cutting LNR_104m	12.3	23.8	24.0	+0.2
Ashlawn Cutting LNR_114m	12.3	23.1	23.3	+0.2
Ashlawn Cutting LNR_124m	12.3	22.4	22.6	+0.2

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Ashlawn Cutting LNR_134m	12.3	21.8	22.0	+0.2
Ashlawn Cutting LNR_144m	12.3	21.3	21.5	+0.2
Ashlawn Cutting LNR_154m	12.3	20.9	21.0	+0.2
Ashlawn Cutting LNR_164m	12.3	20.5	20.6	+0.2
Ashlawn Cutting LNR_174m	12.3	20.1	20.3	+0.2
Ashlawn Cutting LNR_184m	12.3	19.8	19.9	+0.2
Ashlawn Cutting LNR_194m	12.3	19.5	19.6	+0.2
Ashlawn Cutting LNR_204m	12.3	19.2	19.4	+0.2

Table 14.16: Rugby Borough Council critical level assessment in Future Year 2036.

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Ashlawn Cutting LNR_44m	10.8	25.2	25.3	+0.1
Ashlawn Cutting LNR_54m	10.8	23.4	23.5	+0.1
Ashlawn Cutting LNR_64m	10.8	22.0	22.1	+0.1
Ashlawn Cutting LNR_74m	10.8	20.9	21.0	+0.1
Ashlawn Cutting LNR_84m	10.8	20.0	20.1	+0.1
Ashlawn Cutting LNR_94m	10.8	19.3	19.4	+0.1
Ashlawn Cutting LNR_104m	10.8	18.7	18.8	+0.1
Ashlawn Cutting LNR_114m	10.8	18.2	18.3	+0.1
Ashlawn Cutting LNR_124m	10.8	17.7	17.8	+0.1
Ashlawn Cutting LNR_134m	10.8	17.3	17.4	+0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Ashlawn Cutting LNR_144m	10.8	17.0	17.1	+0.1
Ashlawn Cutting LNR_154m	10.8	16.7	16.8	+0.1
Ashlawn Cutting LNR_164m	10.8	16.4	16.5	+0.1
Ashlawn Cutting LNR_174m	10.8	16.2	16.3	+0.1
Ashlawn Cutting LNR_184m	10.8	15.9	16.0	+0.1
Ashlawn Cutting LNR_194m	10.8	15.7	15.8	+0.1
Ashlawn Cutting LNR_204m	10.8	15.6	15.7	+0.1

Tamworth Borough Council

Table 14.17: Tamworth Borough Council critical level assessment in Opening Year 2026.

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T1_0m	14.0	**49.6**	**49.5**	-0.1
Kettle Brook LNR_T1_10m	14.0	**35.9**	**35.8**	-0.1
Kettle Brook LNR_T1_20m	14.0	29.9	29.9	0.0
Kettle Brook LNR_T1_30m	14.0	26.7	26.6	0.0
Kettle Brook LNR_T1_40m	14.0	24.7	24.6	0.0
Kettle Brook LNR_T1_50m	14.0	23.2	23.2	0.0
Kettle Brook LNR_T1_60m	14.0	22.2	22.2	0.0
Kettle Brook LNR_T1_70m	14.0	21.4	21.4	0.0
Kettle Brook LNR_T1_80m	14.0	20.8	20.8	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T1_90m	14.0	20.2	20.3	0.0
Kettle Brook LNR_T1_100m	14.0	19.8	19.8	0.0
Kettle Brook LNR_T1_110m	14.0	19.5	19.5	0.0
Kettle Brook LNR_T1_120m	14.0	19.2	19.2	0.0
Kettle Brook LNR_T1_130m	14.0	18.9	18.9	0.0
Kettle Brook LNR_T1_140m	14.0	18.7	18.7	0.0
Kettle Brook LNR_T1_150m	14.0	18.5	18.5	0.0
Kettle Brook LNR_T1_160m	14.0	18.3	18.3	0.0
Kettle Brook LNR_T1_170m	14.0	18.1	18.2	0.0
Kettle Brook LNR_T1_180m	14.0	18.0	18.0	0.0
Kettle Brook LNR_T1_190m	14.0	17.9	17.9	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T1_200m	14.0	17.8	17.8	0.0
Kettle Brook LNR_T2_0m	14.0	**51.7**	**51.6**	-0.1
Kettle Brook LNR_T2_10m	14.0	**40.3**	**40.2**	-0.1
Kettle Brook LNR_T2_20m	14.0	**34.3**	**34.2**	0.0
Kettle Brook LNR_T2_30m	14.0	**30.6**	**30.6**	0.0
Kettle Brook LNR_T2_40m	14.0	28.2	28.2	0.0
Kettle Brook LNR_T2_50m	14.0	26.5	26.4	0.0
Kettle Brook LNR_T2_60m	14.0	25.1	25.1	0.0
Kettle Brook LNR_T2_70m	14.0	24.1	24.1	0.0
Kettle Brook LNR_T2_80m	14.0	23.3	23.3	0.0
Kettle Brook LNR_T2_90m	14.0	22.6	22.6	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T2_100m	14.0	22.0	22.0	0.0
Kettle Brook LNR_T2_110m	14.0	21.5	21.5	0.0
Kettle Brook LNR_T2_120m	14.0	21.1	21.1	0.0
Kettle Brook LNR_T2_130m	14.0	20.7	20.7	0.0
Kettle Brook LNR_T2_140m	14.0	20.4	20.4	0.0
Kettle Brook LNR_T2_150m	14.0	20.1	20.1	0.0
Kettle Brook LNR_T2_160m	14.0	19.8	19.8	0.0
Kettle Brook LNR_T2_170m	14.0	19.6	19.6	0.0
Kettle Brook LNR_T3_0m	14.2	**35.2**	**35.2**	0.0
Kettle Brook LNR_T3_10m	14.2	27.9	27.9	0.0
Kettle Brook LNR_T3_20m	14.2	24.4	24.4	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T3_30m	14.2	22.5	22.5	0.0
Kettle Brook LNR_T3_40m	14.2	21.2	21.2	0.0
Kettle Brook LNR_T3_50m	14.2	20.3	20.3	0.0
Kettle Brook LNR_T3_60m	14.2	19.7	19.7	0.0
Kettle Brook LNR_T3_70m	14.2	19.2	19.2	0.0
Kettle Brook LNR_T3_80m	14.2	18.8	18.8	0.0
Kettle Brook LNR_T3_90m	14.2	18.4	18.5	0.0
Kettle Brook LNR_T3_100m	14.2	18.2	18.2	0.0
Kettle Brook LNR_T3_110m	14.2	17.9	18.0	0.0
Kettle Brook LNR_T3_120m	14.2	17.7	17.8	0.0
Kettle Brook LNR_T3_130m	14.2	17.6	17.6	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T3_140m	14.2	17.4	17.4	0.0
Kettle Brook LNR_T3_150m	14.2	17.3	17.3	0.0
Kettle Brook LNR_T4_0m	14.8	23.8	23.8	0.0
Kettle Brook LNR_T4_10m	14.8	22.9	22.9	0.0
Kettle Brook LNR_T4_20m	14.8	22.1	22.1	0.0
Kettle Brook LNR_T4_30m	14.8	21.5	21.5	0.0
Kettle Brook LNR_T4_40m	14.8	21.0	21.0	0.0
Kettle Brook LNR_T4_50m	14.8	20.5	20.5	0.0
Kettle Brook LNR_T4_60m	14.8	20.2	20.2	0.0
Kettle Brook LNR_T4_70m	14.8	19.9	19.9	0.0
Kettle Brook LNR_T4_80m	14.8	19.6	19.6	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T4_90m	14.8	19.3	19.3	0.0
Kettle Brook LNR_T5_0m	14.8	**30.5**	**30.4**	0.0
Kettle Brook LNR_T5_10m	14.8	29.2	29.2	0.0
Kettle Brook LNR_T5_20m	14.8	27.7	27.7	0.0
Kettle Brook LNR_T5_30m	14.8	26.5	26.4	0.0
Kettle Brook LNR_T5_40m	14.8	25.4	25.4	0.0
Kettle Brook LNR_T5_50m	14.8	24.6	24.6	0.0
Kettle Brook LNR_T5_60m	14.8	23.9	23.9	0.0
Kettle Brook LNR_T5_70m	14.8	23.3	23.3	0.0
Kettle Brook LNR_T5_80m	14.8	22.7	22.7	0.0
Kettle Brook LNR_T5_90m	14.8	22.3	22.3	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T5_100m	14.8	21.9	21.9	0.0
Kettle Brook LNR_T6_0m	16.9	**64.0**	**63.8**	-0.2
Kettle Brook LNR_T6_10m	16.9	**49.7**	**49.6**	-0.1
Kettle Brook LNR_T6_20m	16.9	**42.0**	**41.9**	-0.1
Kettle Brook LNR_T6_30m	16.9	**37.2**	**37.2**	-0.1
Kettle Brook LNR_T6_40m	16.9	**34.1**	**34.1**	0.0
Kettle Brook LNR_T6_50m	16.9	**31.8**	**31.7**	0.0
Kettle Brook LNR_T6_60m	16.9	**30.1**	**30.1**	0.0
Kettle Brook LNR_T6_70m	16.9	28.7	28.7	0.0
Kettle Brook LNR_T6_80m	16.9	27.6	27.6	0.0
Kettle Brook LNR_T6_90m	16.9	26.7	26.7	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T6_100m	16.9	25.9	25.9	0.0
Kettle Brook LNR_T6_110m	16.9	25.3	25.2	0.0
Kettle Brook LNR_T6_120m	16.9	24.7	24.7	0.0
Kettle Brook LNR_T6_130m	16.9	24.2	24.2	0.0
Kettle Brook LNR_T6_140m	16.9	23.8	23.8	0.0
Kettle Brook LNR_T6_150m	16.9	23.4	23.4	0.0
Kettle Brook LNR_T6_160m	16.9	23.1	23.1	0.0
Kettle Brook LNR_T6_170m	16.9	22.8	22.8	0.0
Kettle Brook LNR_T6_180m	16.9	22.5	22.5	0.0
Kettle Brook LNR_T6_190m	16.9	22.3	22.3	0.0
Kettle Brook LNR_T7_0m	14.8	**49.3**	**49.2**	-0.1

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T7_10m	14.8	**39.4**	**39.4**	-0.1
Kettle Brook LNR_T7_20m	14.8	**34.5**	**34.5**	-0.1
Kettle Brook LNR_T7_30m	14.8	**31.4**	**31.3**	0.0
Kettle Brook LNR_T7_40m	14.8	29.1	29.1	0.0
Kettle Brook LNR_T7_50m	14.8	27.4	27.4	0.0
Kettle Brook LNR_T7_60m	14.8	26.1	26.1	0.0
Kettle Brook LNR_T7_70m	14.8	25.0	25.0	0.0
Kettle Brook LNR_T7_80m	14.8	24.2	24.2	0.0
Kettle Brook LNR_T7_90m	14.8	23.4	23.4	0.0
Kettle Brook LNR_T7_100m	14.8	22.9	22.8	0.0
Kettle Brook LNR_T7_110m	14.8	22.3	22.3	0.0

Ecological Receptor	Defra NOx Background Concentration 2026 (µg.m^{-3})	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T7_120m	14.8	21.9	21.9	0.0
Kettle Brook LNR_T7_130m	14.8	21.5	21.5	0.0
Kettle Brook LNR_T7_140m	14.8	21.1	21.1	0.0
Kettle Brook LNR_T7_150m	14.8	20.8	20.8	0.0
Kettle Brook LNR_T7_160m	14.8	20.5	20.5	0.0
Kettle Brook LNR_T7_170m	14.8	20.2	20.2	0.0
Kettle Brook LNR_T7_180m	14.8	19.9	19.9	0.0
Kettle Brook LNR_T7_190m	14.8	19.7	19.7	0.0

Table 14.18: Tamworth Borough Council critical level assessment in Future Year 2036.

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T1_0m	12.6	**35.4**	**35.3**	-0.1
Kettle Brook LNR_T1_10m	12.6	26.7	26.6	-0.1
Kettle Brook LNR_T1_20m	12.6	22.9	22.8	0.0
Kettle Brook LNR_T1_30m	12.6	20.8	20.7	0.0
Kettle Brook LNR_T1_40m	12.6	19.5	19.5	0.0
Kettle Brook LNR_T1_50m	12.6	18.6	18.6	0.0
Kettle Brook LNR_T1_60m	12.6	17.9	17.9	0.0
Kettle Brook LNR_T1_70m	12.6	17.4	17.4	0.0
Kettle Brook LNR_T1_80m	12.6	17.0	17.0	0.0
Kettle Brook LNR_T1_90m	12.6	16.7	16.7	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T1_100m	12.6	16.4	16.4	0.0
Kettle Brook LNR_T1_110m	12.6	16.2	16.2	0.0
Kettle Brook LNR_T1_120m	12.6	16.0	16.0	0.0
Kettle Brook LNR_T1_130m	12.6	15.8	15.8	0.0
Kettle Brook LNR_T1_140m	12.6	15.7	15.7	0.0
Kettle Brook LNR_T1_150m	12.6	15.5	15.5	0.0
Kettle Brook LNR_T1_160m	12.6	15.4	15.4	0.0
Kettle Brook LNR_T1_170m	12.6	15.3	15.3	0.0
Kettle Brook LNR_T1_180m	12.6	15.2	15.2	0.0
Kettle Brook LNR_T1_190m	12.6	15.2	15.2	0.0
Kettle Brook LNR_T1_200m	12.6	15.1	15.1	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T2_0m	12.6	**36.8**	**36.7**	-0.1
Kettle Brook LNR_T2_10m	12.6	29.5	29.4	-0.1
Kettle Brook LNR_T2_20m	12.6	25.6	25.6	-0.1
Kettle Brook LNR_T2_30m	12.6	23.3	23.2	0.0
Kettle Brook LNR_T2_40m	12.6	21.8	21.7	0.0
Kettle Brook LNR_T2_50m	12.6	20.6	20.6	0.0
Kettle Brook LNR_T2_60m	12.6	19.8	19.8	0.0
Kettle Brook LNR_T2_70m	12.6	19.1	19.1	0.0
Kettle Brook LNR_T2_80m	12.6	18.6	18.6	0.0
Kettle Brook LNR_T2_90m	12.6	18.2	18.1	0.0
Kettle Brook LNR_T2_100m	12.6	17.8	17.8	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T2_110m	12.6	17.5	17.5	0.0
Kettle Brook LNR_T2_120m	12.6	17.2	17.2	0.0
Kettle Brook LNR_T2_130m	12.6	17.0	17.0	0.0
Kettle Brook LNR_T2_140m	12.6	16.8	16.8	0.0
Kettle Brook LNR_T2_150m	12.6	16.6	16.6	0.0
Kettle Brook LNR_T2_160m	12.6	16.4	16.4	0.0
Kettle Brook LNR_T2_170m	12.6	16.3	16.3	0.0
Kettle Brook LNR_T3_0m	13.1	26.6	26.5	-0.1
Kettle Brook LNR_T3_10m	13.1	21.9	21.8	0.0
Kettle Brook LNR_T3_20m	13.1	19.7	19.6	0.0
Kettle Brook LNR_T3_30m	13.1	18.4	18.4	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T3_40m	13.1	17.6	17.6	0.0
Kettle Brook LNR_T3_50m	13.1	17.1	17.0	0.0
Kettle Brook LNR_T3_60m	13.1	16.6	16.6	0.0
Kettle Brook LNR_T3_70m	13.1	16.3	16.3	0.0
Kettle Brook LNR_T3_80m	13.1	16.1	16.0	0.0
Kettle Brook LNR_T3_90m	13.1	15.8	15.8	0.0
Kettle Brook LNR_T3_100m	13.1	15.7	15.7	0.0
Kettle Brook LNR_T3_110m	13.1	15.5	15.5	0.0
Kettle Brook LNR_T3_120m	13.1	15.4	15.4	0.0
Kettle Brook LNR_T3_130m	13.1	15.3	15.3	0.0
Kettle Brook LNR_T3_140m	13.1	15.2	15.2	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T3_150m	13.1	15.1	15.1	0.0
Kettle Brook LNR_T4_0m	13.5	20.7	19.5	-1.2
Kettle Brook LNR_T4_10m	13.5	20.0	18.9	-1.1
Kettle Brook LNR_T4_20m	13.5	19.4	18.4	-1.0
Kettle Brook LNR_T4_30m	13.5	18.8	17.9	-0.9
Kettle Brook LNR_T4_40m	13.5	18.4	17.6	-0.8
Kettle Brook LNR_T4_50m	13.5	18.0	17.3	-0.7
Kettle Brook LNR_T4_60m	13.5	17.7	17.1	-0.6
Kettle Brook LNR_T4_70m	13.5	17.4	16.8	-0.6
Kettle Brook LNR_T4_80m	13.5	17.2	16.7	-0.5
Kettle Brook LNR_T4_90m	13.5	17.0	16.5	-0.5

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T5_0m	13.5	24.0	23.8	-0.2
Kettle Brook LNR_T5_10m	13.5	23.1	23.0	-0.2
Kettle Brook LNR_T5_20m	13.5	22.2	22.0	-0.2
Kettle Brook LNR_T5_30m	13.5	21.3	21.2	-0.1
Kettle Brook LNR_T5_40m	13.5	20.6	20.5	-0.1
Kettle Brook LNR_T5_50m	13.5	20.1	19.9	-0.1
Kettle Brook LNR_T5_60m	13.5	19.6	19.5	-0.1
Kettle Brook LNR_T5_70m	13.5	19.2	19.1	-0.1
Kettle Brook LNR_T5_80m	13.5	18.8	18.7	-0.1
Kettle Brook LNR_T5_90m	13.5	18.5	18.4	-0.1
Kettle Brook LNR_T5_100m	13.5	18.2	18.1	-0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T6_0m	15.6	**46.6**	**46.3**	-0.3
Kettle Brook LNR_T6_10m	15.6	**37.2**	**37.0**	-0.2
Kettle Brook LNR_T6_20m	15.6	**32.1**	**32.0**	-0.1
Kettle Brook LNR_T6_30m	15.6	29.0	28.9	-0.1
Kettle Brook LNR_T6_40m	15.6	27.0	26.9	-0.1
Kettle Brook LNR_T6_50m	15.6	25.4	25.3	-0.1
Kettle Brook LNR_T6_60m	15.6	24.3	24.2	-0.1
Kettle Brook LNR_T6_70m	15.6	23.4	23.3	-0.1
Kettle Brook LNR_T6_80m	15.6	22.7	22.6	-0.1
Kettle Brook LNR_T6_90m	15.6	22.1	22.0	0.0
Kettle Brook LNR_T6_100m	15.6	21.6	21.5	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T6_110m	15.6	21.1	21.1	0.0
Kettle Brook LNR_T6_120m	15.6	20.7	20.7	0.0
Kettle Brook LNR_T6_130m	15.6	20.4	20.4	0.0
Kettle Brook LNR_T6_140m	15.6	20.1	20.1	0.0
Kettle Brook LNR_T6_150m	15.6	19.9	19.9	0.0
Kettle Brook LNR_T6_160m	15.6	19.7	19.7	0.0
Kettle Brook LNR_T6_170m	15.6	19.5	19.5	0.0
Kettle Brook LNR_T6_180m	15.6	19.3	19.3	0.0
Kettle Brook LNR_T6_190m	15.6	19.1	19.1	0.0
Kettle Brook LNR_T7_0m	13.5	**37.5**	**37.4**	-0.1
Kettle Brook LNR_T7_10m	13.5	**30.5**	**30.4**	-0.1

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T7_20m	13.5	27.1	27.0	-0.1
Kettle Brook LNR_T7_30m	13.5	24.9	24.8	-0.1
Kettle Brook LNR_T7_40m	13.5	23.3	23.3	-0.1
Kettle Brook LNR_T7_50m	13.5	22.1	22.1	0.0
Kettle Brook LNR_T7_60m	13.5	21.3	21.2	0.0
Kettle Brook LNR_T7_70m	13.5	20.5	20.5	0.0
Kettle Brook LNR_T7_80m	13.5	19.9	19.9	0.0
Kettle Brook LNR_T7_90m	13.5	19.4	19.4	0.0
Kettle Brook LNR_T7_100m	13.5	19.0	19.0	0.0
Kettle Brook LNR_T7_110m	13.5	18.7	18.7	0.0
Kettle Brook LNR_T7_120m	13.5	18.4	18.3	0.0

Ecological Receptor	Defra NOx Background Concentration 2030 (µg.m^{-3})	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Concentration Change (µg.m^{-3})
Kettle Brook LNR_T7_130m	13.5	18.1	18.1	0.0
Kettle Brook LNR_T7_140m	13.5	17.8	17.8	0.0
Kettle Brook LNR_T7_150m	13.5	17.6	17.6	0.0
Kettle Brook LNR_T7_160m	13.5	17.4	17.4	0.0
Kettle Brook LNR_T7_170m	13.5	17.2	17.2	0.0
Kettle Brook LNR_T7_180m	13.5	17.0	17.0	0.0
Kettle Brook LNR_T7_190m	13.5	16.9	16.9	0.0

Critical Load Assessment

The level of nitrogen deposition calculated across the transect points within the designated ecological sites were compared to the lower critical load value to determine whether changes in nitrogen deposition were greater than 1% of the critical load. Where changes are predicted to be greater than 1% of the lower relevant critical load, these are shown in bold and were passed to the appointed ecological consultants to determine any potential impact.

Blaby District Council

Table 14.19: Blaby District Council critical load assessment in Opening Year 2026.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Burbage LNR_T1_15m	10 – 15	8.7	23.4	26.0	26.1	+0.1	+0.9
Burbage LNR_T1_25m	10 – 15	8.7	23.4	26.0	26.0	+0.1	+0.7
Burbage LNR_T1_35m	10 – 15	8.7	23.4	26.0	26.0	+0.1	+0.6
Burbage LNR_T1_45m	10 – 15	8.7	23.4	26.0	26.0	0.0	+0.4

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Burbage LNR_T1_55m	10 – 15	8.7	23.4	26.0	26.0	0.0	+0.3
Burbage LNR_T1_65m	10 – 15	8.7	23.4	26.0	26.0	0.0	+0.3
Burbage LNR_T1_75m	10 – 15	8.7	23.4	26.0	26.0	0.0	+0.2
Burbage LNR_T1_85m	10 – 15	8.7	23.4	26.0	26.0	0.0	+0.2
Burbage LNR_T1_95m	10 – 15	8.7	23.4	26.0	26.0	0.0	+0.2
Burbage LNR_T1_105m	10 – 15	8.7	23.4	26.0	26.0	0.0	+0.1
Burbage LNR_T1_115m	10 – 15	8.7	23.4	26.0	26.0	0.0	+0.1
Burbage LNR_T1_125m	10 – 15	8.7	23.4	26.0	26.0	0.0	+0.1
Burbage LNR_T1_135m	10 – 15	8.7	23.4	26.0	26.0	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Burbage LNR_T1_145m	10 – 15	8.7	23.4	26.0	26.0	0.0	+0.1
Burbage LNR_T1_155m	10 – 15	8.7	23.4	26.0	26.0	0.0	+0.1
Burbage LNR_T1_165m	10 – 15	8.7	23.4	26.0	26.0	0.0	0.0
Burbage LNR_T1_175m	10 – 15	8.7	23.4	26.0	26.0	0.0	0.0
Burbage LNR_T1_185m	10 – 15	8.8	23.4	26.0	26.0	0.0	0.0
Burbage LNR_T1_195m	10 – 15	8.7	23.4	26.0	26.0	0.0	0.0
Burbage LNR_T2_42m	10 – 15	8.5	23.4	25.9	25.9	0.0	+0.5
Burbage LNR_T2_52m	10 – 15	8.5	23.4	25.9	25.9	0.0	+0.3

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Burbage LNR_T2_62m	10 – 15	8.5	23.4	25.9	25.9	0.0	+0.3
Burbage LNR_T2_72m	10 – 15	8.5	23.4	25.9	25.9	0.0	+0.2
Burbage LNR_T2_82m	10 – 15	8.5	23.4	25.9	25.9	0.0	+0.2
Burbage LNR_T2_92m	10 – 15	8.5	23.4	25.9	25.9	0.0	+0.1
Burbage LNR_T2_102m	10 – 15	8.5	23.4	25.9	25.9	0.0	+0.1
Burbage LNR_T2_112m	10 – 15	8.5	23.4	25.9	25.9	0.0	+0.1
Burbage LNR_T2_122m	10 – 15	8.5	23.4	25.9	25.9	0.0	+0.1
Burbage LNR_T2_132m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T2_142m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Burbage LNR_T2_152m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T2_162m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T2_172m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T2_182m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T2_192m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T2_202m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T3_76m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T3_86m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Burbage LNR_T3_96m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T3_106m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T3_116m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T3_126m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T3_136m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T3_146m	10 – 15	8.5	23.4	25.9	25.9	0.0	-0.1
Burbage LNR_T3_156m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T3_166m	10 – 15	8.5	23.4	25.9	25.9	0.0	0.0
Burbage LNR_T3_176m	10 – 15	8.5	23.4	25.9	25.9	0.0	-0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Burbage LNR_T3_186m	10 – 15	8.5	23.4	25.9	25.9	0.0	-0.1
Burbage LNR_T3_196m	10 – 15	8.5	23.4	25.9	25.9	0.0	-0.1
Freeholt Wood AW_T1_55m	10 – 20	10.4	46.3	49.5	49.6	+0.1	+1.1
Freeholt Wood AW_T1_65m	10 – 20	10.4	46.3	49.5	49.6	+0.1	+1.0
Freeholt Wood AW_T1_75m	10 – 20	10.4	46.3	49.5	49.5	+0.1	+0.8
Freeholt Wood AW_T1_85m	10 – 20	10.4	46.3	49.5	49.5	+0.1	+0.8

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Freeholt Wood AW_T1_95m	10 – 20	10.4	46.3	49.5	49.5	+0.1	+0.7
Freeholt Wood AW_T1_105m	10 – 20	10.4	46.3	49.5	49.5	+0.1	+0.6
Freeholt Wood AW_T1_115m	10 – 20	10.4	46.3	49.5	49.5	+0.1	+0.6
Freeholt Wood AW_T1_125m	10 – 20	10.4	46.3	49.5	49.5	0.0	+0.5
Freeholt Wood AW_T1_135m	10 – 20	10.4	46.3	49.5	49.5	0.0	+0.4
Freeholt Wood AW_T1_145m	10 – 20	10.4	46.3	49.5	49.5	0.0	+0.4

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Freeholt Wood AW_T1_155m	10 – 20	10.4	46.3	49.5	49.5	0.0	+0.4
Freeholt Wood AW_T1_165m	10 – 20	10.4	46.3	49.5	49.5	0.0	+0.3
Freeholt Wood AW_T1_175m	10 – 20	10.4	46.3	49.5	49.5	0.0	+0.3
Freeholt Wood AW_T1_185m	10 – 20	10.4	46.3	49.5	49.5	0.0	+0.3
Freeholt Wood AW_T1_195m	10 – 20	10.4	46.3	49.5	49.5	0.0	+0.3
Aston Firs SSSI_T1_7m	15 - 20	9.0	45.7	48.7	48.6	-0.2	-1.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Aston Firs_SSSI_T1_17m	15 - 20	9.0	45.7	48.6	48.5	-0.1	-0.8
Aston Firs SSSI_T1_27m	15 - 20	9.0	45.7	48.5	48.5	-0.1	-0.6
Aston Firs SSSI_T1_37m	15 - 20	9.0	45.7	48.5	48.4	-0.1	-0.4
Aston Firs SSSI_T1_47m	15 - 20	9.0	45.7	48.5	48.4	-0.1	-0.4
Aston Firs SSSI_T1_57m	15 - 20	9.0	45.7	48.5	48.4	-0.1	-0.3
Aston Firs SSSI_T1_67m	15 - 20	9.0	45.7	48.5	48.4	0.0	-0.3
Aston Firs SSSI_T1_77m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.3
Aston Firs SSSI_T1_87m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T1_97m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Aston Firs SSSI_T1_107m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T1_117m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T1_127m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T1_137m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T1_147m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T1_157m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T1_167m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T1_177m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Aston Firs SSSI_T1_187m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.1
Aston Firs SSSI_T1_197m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.1
Aston Firs SSSI_T2_0m	15 - 20	9.0	45.7	48.8	48.6	-0.2	-1.3
Aston Firs SSSI_T2_10m	15 - 20	9.0	45.7	48.6	48.5	-0.1	-0.8
Aston Firs SSSI_T2_20m	15 - 20	9.0	45.7	48.6	48.5	-0.1	-0.5
Aston Firs SSSI_T2_30m	15 - 20	9.0	45.7	48.5	48.5	-0.1	-0.4
Aston Firs SSSI_T2_40m	15 - 20	9.0	45.7	48.5	48.4	-0.1	-0.3
Aston Firs SSSI_T2_50m	15 - 20	9.0	45.7	48.5	48.4	0.0	-0.3
Aston Firs SSSI_T2_60m	15 - 20	9.0	45.7	48.5	48.4	0.0	-0.3

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Aston Firs SSSI_T2_70m	15 - 20	9.0	45.7	48.5	48.4	0.0	-0.2
Aston Firs SSSI_T2_80m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T2_90m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T2_100m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T2_110m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T2_120m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.1
Aston Firs SSSI_T2_130m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.1
Aston Firs SSSI_T2_140m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Aston Firs SSSI_T2_150m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.1
Aston Firs SSSI_T2_160m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.1
Aston Firs SSSI_T2_170m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.1
Aston Firs SSSI_T2_180m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.1
Aston Firs SSSI_T2_190m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.1
Aston Firs SSSI_T2_200m	15 - 20	9.0	45.7	48.4	48.4	0.0	-0.1
Narborough Bogs SSSI_127m	10 - 20	12.0	48.5	52.4	52.3	-0.1	-1.4
Narborough Bogs SSSI_137m	10 - 20	12.0	48.5	52.4	52.3	-0.1	-1.3

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage Change of Lower Critical Load
Narborough Bogs SSSI_147m	10 - 20	12.0	48.5	52.4	52.3	-0.1	-1.3
Narborough Bogs SSSI_157m	10 - 20	12.0	48.5	52.4	52.3	-0.1	-1.2
Narborough Bogs SSSI_167m	10 - 20	12.0	48.5	52.4	52.2	-0.1	-1.2
Narborough Bogs SSSI_177m	10 - 20	12.0	48.5	52.3	52.2	-0.1	-1.1
Narborough Bogs SSSI_187m	10 - 20	12.0	48.5	52.3	52.2	-0.1	-1.1
Narborough Bogs SSSI_197m	10 - 20	12.0	48.5	52.3	52.2	-0.1	-1.0

Table 14.20: Blaby District Council critical load assessment in Future Year 2036.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Burbage LNR_T1_15m	10 – 15	8.1	23.4	25.8	25.9	+0.1	+1.1
Burbage LNR_T1_25m	10 – 15	8.1	23.4	25.8	25.9	+0.1	+0.9
Burbage LNR_T1_35m	10 – 15	8.1	23.4	25.8	25.8	+0.1	+0.8
Burbage LNR_T1_45m	10 – 15	8.1	23.4	25.8	25.8	+0.1	+0.6
Burbage LNR_T1_55m	10 – 15	8.1	23.4	25.8	25.8	+0.1	+0.6
Burbage LNR_T1_65m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.5
Burbage LNR_T1_75m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.4
Burbage LNR_T1_85m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.4

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Burbage LNR_T1_95m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.4
Burbage LNR_T1_105m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.3
Burbage LNR_T1_115m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.3
Burbage LNR_T1_125m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.3
Burbage LNR_T1_135m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.3
Burbage LNR_T1_145m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.3
Burbage LNR_T1_155m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.3
Burbage LNR_T1_165m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.3

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Burbage LNR_T1_175m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.2
Burbage LNR_T1_185m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.2
Burbage LNR_T1_195m	10 – 15	8.1	23.4	25.8	25.8	0.0	+0.2
Burbage LNR_T2_42m	10 – 15	7.9	23.4	25.7	25.8	+0.1	+0.6
Burbage LNR_T2_52m	10 – 15	7.9	23.4	25.7	25.8	+0.1	+0.5
Burbage LNR_T2_62m	10 – 15	7.9	23.4	25.7	25.8	0.0	+0.4
Burbage LNR_T2_72m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.4
Burbage LNR_T2_82m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.3
Burbage LNR_T2_92m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.3

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Burbage LNR_T2_102m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.3
Burbage LNR_T2_112m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.3
Burbage LNR_T2_122m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.3
Burbage LNR_T2_132m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.3
Burbage LNR_T2_142m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T2_152m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T2_162m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T2_172m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Burbage LNR_T2_182m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T2_192m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T2_202m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T3_76m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.3
Burbage LNR_T3_86m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.3
Burbage LNR_T3_96m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T3_106m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T3_116m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T3_126m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Burbage LNR_T3_136m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T3_146m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T3_156m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T3_166m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T3_176m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T3_186m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.2
Burbage LNR_T3_196m	10 – 15	7.9	23.4	25.7	25.7	0.0	+0.1
Freeholt Wood AW_T1_55m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+1.4

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Freeholt Wood AW_T1_65m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+1.3
Freeholt Wood AW_T1_75m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+1.2
Freeholt Wood AW_T1_85m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+1.1
Freeholt Wood AW_T1_95m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+1.0
Freeholt Wood AW_T1_105m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+0.9
Freeholt Wood AW_T1_115m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+0.9

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Freeholt Wood AW_T1_125m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+0.8
Freeholt Wood AW_T1_135m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+0.8
Freeholt Wood AW_T1_145m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+0.7
Freeholt Wood AW_T1_155m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+0.7
Freeholt Wood AW_T1_165m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+0.7
Freeholt Wood AW_T1_175m	10 – 20	9.2	46.3	49.1	49.2	+0.1	+0.6

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Freeholt Wood AW_T1_185m	10 – 20	9.2	46.3	49.1	49.1	+0.1	+0.6
Freeholt Wood AW_T1_195m	10 – 20	9.2	46.3	49.1	49.1	+0.1	+0.6
Aston Firs SSSI_T1_7m	15 - 20	8.2	45.7	48.4	48.3	0.0	-0.2
AstonFirs_SSSI_T1_17m	15 - 20	8.2	45.7	48.3	48.3	0.0	-0.1
Aston Firs SSSI_T1_27m	15 - 20	8.2	45.7	48.2	48.2	0.0	0.0
Aston Firs SSSI_T1_37m	15 - 20	8.2	45.7	48.2	48.2	0.0	0.0
Aston Firs SSSI_T1_47m	15 - 20	8.2	45.7	48.2	48.2	0.0	0.0
Aston Firs SSSI_T1_57m	15 - 20	8.2	45.7	48.2	48.2	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Aston Firs SSSI_T1_67m	15 - 20	8.2	45.7	48.2	48.2	0.0	0.0
Aston Firs SSSI_T1_77m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T1_87m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T1_97m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T1_107m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
AstonFirsSSSI_T1_117m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T1_127m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Aston Firs SSSI_T1_137m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T1_147m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
AstonFirsSSSI_T1_157m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T1_167m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
AstonFirsSSSI_T1_177m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T1_187m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
AstonFirsSSSI_T1_197m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Aston Firs SSSI_T2_0m	15 - 20	8.2	45.7	48.4	48.4	0.0	-0.2
Aston Firs SSSI_T2_10m	15 - 20	8.2	45.7	48.3	48.3	0.0	0.0
Aston Firs SSSI_T2_20m	15 - 20	8.2	45.7	48.3	48.3	0.0	0.0
Aston Firs SSSI_T2_30m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_40m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_50m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_60m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_70m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Aston Firs SSSI_T2_80m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_90m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_100m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_110m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_120m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_130m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_140m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Aston Firs SSSI_T2_150m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_160m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_170m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_180m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_190m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1
Aston Firs SSSI_T2_200m	15 - 20	8.2	45.7	48.2	48.2	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2036 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Narborough Bogs SSSI_127m	10 - 20	10.6	48.5	51.9	51.9	0.0	0.0
Narborough Bogs SSSI_137m	10 - 20	10.6	48.5	51.9	51.9	0.0	+0.1
Narborough Bogs SSSI_147m	10 - 20	10.6	48.5	51.9	51.9	0.0	0.0
Narborough Bogs SSSI_157m	10 - 20	10.6	48.5	51.9	51.9	0.0	+0.1
Narborough Bogs SSSI_167m	10 - 20	10.6	48.5	51.8	51.8	0.0	0.0
Narborough Bogs SSSI_177m	10 - 20	10.6	48.5	51.8	51.8	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2036 Without Development (µg.m^{-3})	Scenario 5: 2036 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Narborough Bogs SSSI_187m	10 - 20	10.6	48.5	51.8	51.8	0.0	0.0
Narborough Bogs SSSI_197m	10 - 20	10.6	48.5	51.8	51.8	0.0	0.0

Coventry City Council

Table 14.21: Coventry City Council critical load assessment in Opening Year 2026.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Wyken Slough LNR_153m	10 – 15	14.6	23.0	25.4	25.4	0.0	+0.1
Wyken Slough LNR_163m	10 – 15	14.6	23.0	25.4	25.4	0.0	+0.1
Wyken Slough LNR_173m	10 – 15	14.6	23.0	25.4	25.4	0.0	+0.1
Wyken Slough LNR_183m	10 – 15	14.6	23.0	25.3	25.4	0.0	+0.1
Wyken Slough LNR_193m	10 – 15	14.6	23.0	25.3	25.3	0.0	+0.1

Table 14.22: Coventry City Council critical load assessment in Future Year 2036.

Ecological Receptor	Critical Load Range (kg N ha-1 kg-1)	NO2 Defra Background 2030 (µg.m-3)	Nitrogen Deposition (kg N ha-1 year-1)	Scenario 4: 2030 Without Development (µg.m-3)	Scenario 5: 2030 With Development (µg.m-3)	Change in Nitrogen Deposition (kg N ha-1 year-1)	Percentage of Lower Critical Load
Wyken Slough LNR_153m	10 – 15	12.8	23.0	25.0	25.0	0.0	+0.1
Wyken Slough LNR_163m	10 – 15	12.8	23.0	25.0	25.0	0.0	+0.1
Wyken Slough LNR_173m	10 – 15	12.8	23.0	25.0	25.0	0.0	+0.1
Wyken Slough LNR_183m	10 – 15	12.8	23.0	25.0	25.0	0.0	+0.1
Wyken Slough LNR_193m	10 – 15	12.8	23.0	25.0	25.0	0.0	+0.1

Harborough District Council

Table 14.23: Harborough District Council critical load assessment in Opening Year 2026.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Cave's Inn Pits SSSI_96m	20 - 30	9.2	22.6	26.0	26.0	0.0	+0.1
Cave's Inn Pits SSSI_106m	20 - 30	9.2	22.6	26.0	26.0	0.0	+0.1
Cave's Inn Pits SSSI_116m	20 - 30	9.2	22.6	25.9	26.0	0.0	+0.1
Cave's Inn Pits SSSI_126m	20 - 30	9.2	22.6	25.9	25.9	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Cave's Inn Pits SSSI_136m	20 - 30	9.2	22.6	25.9	25.9	0.0	+0.1
Cave's Inn Pits SSSI_146m	20 - 30	9.2	22.6	25.9	25.9	0.0	+0.1
Cave's Inn Pits SSSI_156m	20 - 30	9.2	22.6	25.9	25.9	0.0	+0.1
Cave's Inn Pits SSSI_176m	20 - 30	9.2	22.6	25.9	25.9	0.0	+0.1
Cave's Inn Pits SSSI_186m	20 - 30	9.2	22.6	25.9	25.9	0.0	+0.1
Cave's Inn Pits SSSI_196m	20 - 30	9.2	22.6	25.9	25.9	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Shawell Wood AW_26m	10 - 20	10.6	43.7	50.9	51.0	0.0	+0.4
Shawell Wood AW_36m	10 - 20	10.6	43.7	50.2	50.2	0.0	+0.3
Shawell Wood AW_46m	10 - 20	10.6	43.7	49.7	49.7	0.0	+0.3
Shawell Wood AW_56m	10 - 20	9.0	43.7	48.9	48.9	0.0	+0.3
Shawell Wood AW_66m	10 - 20	9.0	43.7	48.6	48.6	0.0	+0.3
Shawell Wood AW_76m	10 - 20	9.0	43.7	48.4	48.4	0.0	+0.3

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Shawell Wood AW_86m	10 - 20	9.0	43.7	48.2	48.2	0.0	+0.3
Shawell Wood AW_96m	10 - 20	9.0	43.7	48.1	48.1	0.0	+0.2
Shawell Wood AW_106m	10 - 20	9.0	43.7	47.9	48.0	0.0	+0.2
Shawell Wood AW_116m	10 - 20	9.0	43.7	47.8	47.8	0.0	+0.2
Shawell Wood AW_126m	10 - 20	9.0	43.7	47.7	47.7	0.0	+0.2
Shawell Wood AW_136m	10 - 20	9.0	43.7	47.6	47.7	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Shawell Wood AW_146m	10 - 20	9.0	43.7	47.6	47.6	0.0	+0.2
Shawell Wood AW_156m	10 - 20	9.0	43.7	47.5	47.5	0.0	+0.2
Shawell Wood AW_166m	10 - 20	9.0	43.7	47.5	47.5	0.0	+0.2
Shawell Wood AW_176m	10 - 20	9.0	43.7	47.4	47.4	0.0	+0.2
Shawell Wood AW_186m	10 - 20	9.0	43.7	47.4	47.4	0.0	+0.2
Shawell Wood AW_196m	10 - 20	9.0	43.7	47.3	47.3	0.0	+0.2

Table 14.24: Harborough District Council critical load assessment in Future Year 2036.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development (µg.m^{-3})	Scenario 5: 2030 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Cave's Inn Pits SSSI_96m	20 - 30	8.3	22.6	25.5	25.5	0.0	+0.1
Cave's Inn Pits SSSI_106m	20 - 30	8.3	22.6	25.5	25.5	0.0	0.0
Cave's Inn Pits SSSI_116m	20 - 30	8.3	22.6	25.5	25.5	0.0	+0.1
Cave's Inn Pits SSSI_126m	20 - 30	8.3	22.6	25.5	25.5	0.0	+0.1
Cave's Inn Pits SSSI_146m	20 - 30	8.3	22.6	25.4	25.5	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development (µg.m^{-3})	Scenario 5: 2030 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Cave's Inn Pits SSSI_136m	20 - 30	8.3	22.6	25.4	25.5	0.0	+0.1
Cave's Inn Pits SSSI_156m	20 - 30	8.3	22.6	25.4	25.4	0.0	+0.1
Cave's Inn Pits SSSI_176m	20 - 30	8.3	22.6	25.4	25.4	0.0	+0.1
Cave's Inn Pits SSSI_186m	20 - 30	8.3	22.6	25.4	25.4	0.0	0.0
Cave's Inn Pits SSSI_196m	20 - 30	8.3	22.6	25.4	25.4	0.0	0.0
Shawell Wood AW_26m	10 - 20	9.6	43.7	49.4	49.4	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Shawell Wood AW_36m	10 - 20	9.6	43.7	48.9	48.9	0.0	+0.2
Shawell Wood AW_46m	10 - 20	9.6	43.7	48.5	48.5	0.0	+0.2
Shawell Wood AW_56m	10 - 20	8.0	43.7	47.8	47.8	0.0	+0.1
Shawell Wood AW_66m	10 - 20	8.0	43.7	47.6	47.6	0.0	+0.2
Shawell Wood AW_76m	10 - 20	8.0	43.7	47.5	47.5	0.0	+0.1
Shawell Wood AW_86m	10 - 20	8.0	43.7	47.3	47.3	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development (µg.m^{-3})	Scenario 5: 2030 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Shawell Wood AW_96m	10 - 20	8.0	43.7	47.2	47.2	0.0	+0.1
Shawell Wood AW_106m	10 - 20	8.0	43.7	47.1	47.1	0.0	+0.1
Shawell Wood AW_116m	10 - 20	8.0	43.7	47.1	47.1	0.0	+0.1
Shawell Wood AW_126m	10 - 20	8.0	43.7	47.0	47.0	0.0	+0.1
Shawell Wood AW_136m	10 - 20	8.0	43.7	46.9	47.0	0.0	+0.1
Shawell Wood AW_146m	10 - 20	8.0	43.7	46.9	46.9	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Shawell Wood AW_156m	10 - 20	8.0	43.7	46.8	46.9	0.0	+0.1
Shawell Wood AW_166m	10 - 20	8.0	43.7	46.8	46.8	0.0	+0.1
Shawell Wood AW_176m	10 - 20	8.0	43.7	46.8	46.8	0.0	+0.1
Shawell Wood AW_186m	10 - 20	8.0	43.7	46.7	46.8	0.0	+0.1
Shawell Wood AW_196m	10 - 20	8.0	43.7	46.7	46.7	0.0	+0.1

Hinckley and Bosworth Borough Council

Table 14.25: Hinckley and Bosworth Borough Council critical load assessment in Opening Year 2026.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_5m	5 - 15	10.5	39.9	51.5	51.5	+0.1	+1.0
Martinshaw Wood AW_15m	5 - 15	10.5	39.9	49.9	50.0	0.0	+1.0
Martinshaw Wood AW_25m	5 - 15	10.5	39.9	48.8	48.9	0.0	+0.9
Martinshaw Wood AW_35m	5 - 15	10.5	39.9	48.1	48.1	0.0	+0.8
Martinshaw Wood AW_45m	5 - 15	10.5	39.9	47.5	47.6	0.0	+0.8

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_55m	5 - 15	10.5	39.9	47.1	47.1	0.0	+0.8
Martinshaw Wood AW_65m	5 - 15	10.5	39.9	46.7	46.7	0.0	+0.6
Martinshaw Wood AW_75m	5 - 15	10.5	39.9	46.4	46.4	0.0	+0.6
Martinshaw Wood AW_85m	5 - 15	10.5	39.9	46.1	46.2	0.0	+0.6
Martinshaw Wood AW_95m	5 - 15	10.5	39.9	45.9	45.9	0.0	+0.6
Martinshaw Wood AW_105m	5 - 15	10.5	39.9	45.7	45.8	0.0	+0.6

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_115m	5 - 15	10.5	39.9	45.6	45.6	0.0	+0.5
Martinshaw Wood AW_125m	5 - 15	10.5	39.9	45.4	45.4	0.0	+0.5
Martinshaw Wood AW_135m	5 - 15	10.5	39.9	45.3	45.3	0.0	+0.5
Martinshaw Wood AW_145m	5 - 15	10.5	39.9	45.2	45.2	0.0	+0.5
Martinshaw Wood AW_155m	5 - 15	10.5	39.9	45.1	45.1	0.0	+0.5
Martinshaw Wood AW_165m	5 - 15	10.5	39.9	45.0	45.0	0.0	+0.5

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_175m	5 - 15	10.5	39.9	44.9	44.9	0.0	+0.5
Martinshaw Wood AW_185m	5 - 15	10.5	39.9	44.8	44.8	0.0	+0.5
Martinshaw Wood AW_195m	5 - 15	10.5	39.9	44.7	44.8	0.0	+0.5
Martinshaw Wood AW_T2_23m	10 - 20	10.5	39.9	45.8	45.8	0.0	+0.3
Martinshaw Wood AW_T2_33m	10 - 20	10.5	39.9	45.3	45.4	0.0	+0.3
Martinshaw Wood AW_T2_43m	10 - 20	10.5	39.9	45.0	45.1	0.0	+0.3

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_T2_53m	10 - 20	10.5	39.9	44.8	44.8	0.0	+0.2
Martinshaw Wood AW_T2_63m	10 - 20	10.5	39.9	44.6	44.6	0.0	+0.2
Martinshaw Wood AW_T2_73m	10 - 20	10.5	39.9	44.5	44.5	0.0	+0.2
Martinshaw Wood AW_T2_83m	10 - 20	10.5	39.9	44.3	44.4	0.0	+0.2
Martinshaw Wood AW_T2_93m	10 - 20	10.5	39.9	44.2	44.3	0.0	+0.2
Martinshaw Wood AW_T2_103m	10 - 20	10.5	39.9	44.2	44.2	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_T2_113m	10 - 20	10.5	39.9	44.1	44.1	0.0	+0.2
Martinshaw Wood AW_T2_123m	10 - 20	10.5	39.9	44.0	44.0	0.0	+0.2
Martinshaw Wood AW_T2_133m	10 - 20	10.5	39.9	43.9	44.0	0.0	+0.2
Martinshaw Wood AW_T2_143m	10 - 20	10.5	39.9	43.9	43.9	0.0	+0.2
Martinshaw Wood AW_T2_153m	10 - 20	10.5	39.9	43.9	43.9	0.0	+0.1
Martinshaw Wood AW_T2_163m	10 - 20	10.5	39.9	43.8	43.8	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_T2_173m	10 - 20	10.0	39.9	43.6	43.6	0.0	+0.2
Martinshaw Wood AW_T2_183m	10 - 20	10.0	39.9	43.6	43.6	0.0	+0.2
Martinshaw Wood AW_T2_193m	10 - 20	10.0	39.9	43.6	43.6	0.0	+0.1

Table 14.26: Hinckley and Bosworth Borough Council critical load assessment in Future Year 2036.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_5m	5 - 15	9.3	39.9	48.4	48.6	+0.2	+3.1
Martinshaw Wood AW_15m	5 - 15	9.3	39.9	47.3	47.4	+0.1	+2.6
Martinshaw Wood AW_25m	5 - 15	9.3	39.9	46.6	46.7	+0.1	+2.3
Martinshaw Wood AW_35m	5 - 15	9.3	39.9	46.0	46.1	+0.1	+2.0
Martinshaw Wood AW_45m	5 - 15	9.3	39.9	45.6	45.7	+0.1	+1.8
Martinshaw Wood AW_55m	5 - 15	9.3	39.9	45.3	45.4	+0.1	+1.7

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_65m	5 - 15	9.3	39.9	45.1	45.2	+0.1	+1.6
Martinshaw Wood AW_75m	5 - 15	9.3	39.9	44.9	45.0	+0.1	+1.4
Martinshaw Wood AW_85m	5 - 15	9.3	39.9	44.7	44.8	+0.1	+1.3
Martinshaw Wood AW_95m	5 - 15	9.3	39.9	44.6	44.6	+0.1	+1.2
Martinshaw Wood AW_105m	5 - 15	9.3	39.9	44.4	44.5	+0.1	+1.2
Martinshaw Wood AW_115m	5 - 15	9.3	39.9	44.3	44.4	+0.1	+1.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_125m	5 - 15	9.3	39.9	44.2	44.3	+0.1	+1.1
Martinshaw Wood AW_135m	5 - 15	9.3	39.9	44.1	44.2	+0.1	+1.0
Martinshaw Wood AW_145m	5 - 15	9.3	39.9	44.1	44.1	0.0	+1.0
Martinshaw Wood AW_155m	5 - 15	9.3	39.9	44.0	44.0	0.0	+0.9
Martinshaw Wood AW_165m	5 - 15	9.3	39.9	43.9	44.0	0.0	+0.9
Martinshaw Wood AW_175m	5 - 15	9.3	39.9	43.9	43.9	0.0	+0.9

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_185m	5 - 15	9.3	39.9	43.8	43.9	0.0	+0.9
Martinshaw Wood AW_195m	5 - 15	9.3	39.9	43.8	43.8	0.0	+0.9
Martinshaw Wood AW_T2_23m	10 - 20	9.3	39.9	44.5	44.5	+0.1	+0.6
Martinshaw Wood AW_T2_33m	10 - 20	9.3	39.9	44.2	44.2	+0.1	+0.5
Martinshaw Wood AW_T2_43m	10 - 20	9.3	39.9	44.0	44.0	0.0	+0.5
Martinshaw Wood AW_T2_53m	10 - 20	9.3	39.9	43.8	43.9	0.0	+0.4

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_T2_63m	10 - 20	9.3	39.9	43.7	43.7	0.0	+0.4
Martinshaw Wood AW_T2_73m	10 - 20	9.3	39.9	43.6	43.6	0.0	+0.3
Martinshaw Wood AW_T2_83m	10 - 20	9.3	39.9	43.5	43.6	0.0	+0.3
Martinshaw Wood AW_T2_93m	10 - 20	9.3	39.9	43.4	43.5	0.0	+0.3
Martinshaw Wood AW_T2_103m	10 - 20	9.3	39.9	43.4	43.4	0.0	+0.3
Martinshaw Wood AW_T2_113m	10 - 20	9.3	39.9	43.3	43.4	0.0	+0.3

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_T2_123m	10 - 20	9.3	39.9	43.3	43.3	0.0	+0.3
Martinshaw Wood AW_T2_133m	10 - 20	9.3	39.9	43.3	43.3	0.0	+0.3
Martinshaw Wood AW_T2_143m	10 - 20	9.3	39.9	43.2	43.2	0.0	+0.2
Martinshaw Wood AW_T2_153m	10 - 20	9.3	39.9	43.2	43.2	0.0	+0.2
Martinshaw Wood AW_T2_163m	10 - 20	9.3	39.9	43.2	43.2	0.0	+0.2
Martinshaw Wood AW_T2_173m	10 - 20	9.0	39.9	43.0	43.1	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Martinshaw Wood AW_T2_183m	10 - 20	9.0	39.9	43.0	43.0	0.0	+0.2
Martinshaw Wood AW_T2_193m	10 - 20	9.0	39.9	43.0	43.0	0.0	+0.2

North West Leicestershire District Council

Table 14.27: North West Leicestershire District Council critical load assessment in Opening Year 2026.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Oakley Wood SSSI_T1_33m	15 - 20	10.9	38.8	44.1	44.1	0.0	+0.2
Oakley Wood SSSI_T1_43m	15 - 20	10.9	38.8	44.0	44.0	0.0	+0.2
Oakley Wood SSSI_T1_53m	15 - 20	10.9	38.8	43.8	43.9	0.0	+0.2
Oakley Wood SSSI_T1_63m	15 - 20	10.9	38.8	43.7	43.7	0.0	+0.2
Oakley Wood SSSI_T1_73m	15 - 20	10.9	38.8	43.5	43.6	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Oakley Wood SSSI_T1_83m	15 - 20	10.9	38.8	43.6	43.6	0.0	+0.2
Oakley Wood SSSI_T1_93m	15 - 20	10.9	38.8	43.4	43.4	0.0	+0.2
Oakley Wood SSSI_T1_103m	15 - 20	10.9	38.8	43.4	43.5	0.0	+0.2
Oakley Wood SSSI_T1_113m	15 - 20	10.9	38.8	43.2	43.3	0.0	+0.2
Oakley Wood SSSI_T1_123m	15 - 20	10.9	38.8	43.3	43.3	0.0	+0.2
Oakley Wood SSSI_T1_133m	15 - 20	10.9	38.8	43.1	43.2	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Oakley Wood SSSI_T1_143m	15 - 20	10.9	38.8	43.2	43.2	0.0	+0.2
Oakley Wood SSSI_T1_153m	15 - 20	10.9	38.8	43.1	43.1	0.0	+0.2
Oakley Wood SSSI_T1_163m	15 - 20	10.9	38.8	43.0	43.1	0.0	+0.2
Oakley Wood SSSI_T1_173m	15 - 20	10.9	38.8	43.0	43.0	0.0	+0.1
Oakley Wood SSSI_T1_183m	15 - 20	10.9	38.8	43.0	43.0	0.0	+0.1
Oakley Wood SSSI_T1_193m	15 - 20	10.9	38.8	42.9	42.9	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Pipers Wood AW_T1_24m	10 - 20	9.3	38.8	42.9	42.9	0.0	+0.3
Pipers Wood AW_T1_34m	10 - 20	9.3	38.8	42.8	42.8	0.0	+0.3
Pipers Wood AW_T1_44m	10 - 20	9.3	38.8	42.7	42.7	0.0	+0.3
Pipers Wood AW_T1_54m	10 - 20	9.3	38.8	42.6	42.6	0.0	+0.2
Pipers Wood AW_T1_64m	10 - 20	9.3	38.8	42.5	42.5	0.0	+0.2
Pipers Wood AW_T1_74m	10 - 20	9.3	38.8	42.5	42.5	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Pipers Wood AW_T1_84m	10 - 20	9.3	38.8	42.4	42.4	0.0	+0.2
Pipers Wood AW_T1_94m	10 - 20	9.3	38.8	42.3	42.4	0.0	+0.2
Pipers Wood AW_T1_104m	10 - 20	9.3	38.8	42.3	42.3	0.0	+0.2
Pipers Wood AW_T1_114m	10 - 20	9.3	38.8	42.3	42.3	0.0	+0.2
Pipers Wood AW_T1_124m	10 - 20	9.3	38.8	42.2	42.2	0.0	+0.2
Pipers Wood AW_T1_134m	10 - 20	9.3	38.8	42.2	42.2	0.0	0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Pipers Wood AW_T1_144m	10 - 20	9.3	38.8	42.2	42.2	0.0	+0.2
Pipers Wood AW_T1_154m	10 - 20	9.3	38.8	42.1	42.1	0.0	+0.2
Pipers Wood AW_T1_164m	10 - 20	9.3	38.8	42.1	42.1	0.0	+0.2
Pipers Wood AW_T1_174m	10 - 20	9.3	38.8	42.1	42.1	0.0	+0.2
Pipers Wood AW_T1_184m	10 - 20	9.3	38.8	42.1	42.1	0.0	+0.2
Pipers Wood AW_T1_194m	10 - 20	9.3	38.8	42.0	42.1	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Pipers Wood AW_T2_29m	10 - 20	11.7	38.8	44.5	44.6	+0.1	+1.4
Pipers Wood AW_T2_39m	10 - 20	11.7	38.8	44.3	44.4	+0.1	+1.2
Pipers Wood AW_T2_49m	10 - 20	11.7	38.8	44.2	44.3	+0.1	+1.0
Pipers Wood AW_T2_59m	10 - 20	11.7	38.8	44.1	44.2	+0.1	+0.9
Pipers Wood AW_T2_69m	10 - 20	11.7	38.8	44.0	44.0	+0.1	+0.8
Pipers Wood AW_T2_79m	10 - 20	11.7	38.8	43.9	43.9	+0.1	+0.7

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Pipers Wood AW_T2_89m	10 - 20	11.7	38.8	43.8	43.8	+0.1	+0.7
Pipers Wood AW_T2_99m	10 - 20	11.7	38.8	43.7	43.8	+0.1	+0.6
Pipers Wood AW_T2_109m	10 - 20	11.7	38.8	43.6	43.7	+0.1	+0.6
Pipers Wood AW_T2_119m	10 - 20	11.7	38.8	43.6	43.6	+0.1	+0.6
Pipers Wood AW_T2_129m	10 - 20	11.7	38.8	43.5	43.6	0.0	+0.5
Pipers Wood AW_T2_139m	10 - 20	11.7	38.8	43.4	43.5	0.0	+0.5

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Pipers Wood AW_T2_149m	10 - 20	11.7	38.8	43.4	43.4	0.0	+0.5
Pipers Wood AW_T2_159m	10 - 20	11.7	38.8	43.3	43.4	0.0	+0.4
Tonge Gorse AW_3m	10 - 20	9.3	38.8	44.0	44.1	0.0	+0.2
Tonge Gorse AW_13m	10 - 20	9.3	38.8	43.2	43.2	0.0	+0.1
Tonge Gorse AW_23m	10 - 20	9.3	38.8	42.8	42.8	0.0	+0.1
Tonge Gorse AW_33m	10 - 20	9.3	38.8	42.6	42.6	0.0	+0.1
Tonge Gorse AW_43m	10 - 20	9.3	38.8	42.4	42.4	0.0	+0.1
Tonge Gorse AW_53m	10 - 20	9.3	38.8	42.3	42.3	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Tonge Gorse AW_63m	10 - 20	9.3	38.8	42.2	42.2	0.0	+0.1
Tonge Gorse AW_73m	10 - 20	9.3	38.8	42.1	42.1	0.0	+0.1
Tonge Gorse AW_83m	10 - 20	9.3	38.8	42.0	42.1	0.0	+0.1
Tonge Gorse AW_93m	10 - 20	9.3	38.8	42.1	42.0	0.0	+0.1
Tonge Gorse AW_103m	10 - 20	9.3	38.8	42.0	42.0	0.0	+0.1
Tonge Gorse AW_113m	10 - 20	9.3	38.8	42.0	42.0	0.0	+0.1
Tonge Gorse AW_123m	10 - 20	9.3	38.8	41.9	41.9	0.0	+0.1
Tonge Gorse AW_133m	10 - 20	9.3	38.8	41.9	41.9	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Tonge Gorse AW_143m	10 - 20	9.3	38.8	41.9	41.9	0.0	+0.1
Tonge Gorse AW_153m	10 - 20	9.3	38.8	41.9	41.9	0.0	+0.1
Tonge Gorse AW_163m	10 - 20	9.3	38.8	41.8	41.8	0.0	+0.1
Tonge Gorse AW_173m	10 - 20	9.3	38.8	41.8	41.8	0.0	+0.1
Tonge Gorse AW_183m	10 - 20	9.3	38.8	41.8	41.8	0.0	0.0
Tonge Gorse AW_193m	10 - 20	9.3	38.8	41.8	41.8	0.0	+0.1
Lount Meadows SSSI_15m	20 - 30	8.5	26.4	30.7	30.7	0.0	+0.1
Lount Meadows SSSI_25m	20 - 30	8.5	26.4	30.3	30.4	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Lount Meadows SSSI_35m	20 - 30	8.5	26.4	30.1	30.1	0.0	+0.1
Lount Meadows SSSI_45m	20 - 30	8.5	26.4	29.9	30.0	0.0	0.0
Lount Meadows SSSI_55m	20 - 30	8.5	26.4	29.8	29.8	0.0	0.0
Lount Meadows SSSI_65m	20 - 30	8.5	26.4	29.7	29.7	0.0	0.0
Lount Meadows SSSI_75m	20 - 30	8.5	26.4	29.6	29.6	0.0	0.0
Lount Meadows SSSI_85m	20 - 30	8.5	26.4	29.6	29.6	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Lount Meadows SSSI_95m	20 - 30	8.5	26.4	29.5	29.5	0.0	0.0
Lount Meadows SSSI_105m	20 - 30	8.5	26.4	29.5	29.5	0.0	0.0
Lount Meadows SSSI_105m	20 - 30	8.5	26.4	29.5	29.5	0.0	0.0
Lount Meadows SSSI_115m	20 - 30	8.5	26.4	29.4	29.4	0.0	0.0
Lount Meadows SSSI_125m	20 - 30	8.5	26.4	29.4	29.4	0.0	0.0
Lount Meadows SSSI_135m	20 - 30	8.5	26.4	29.3	29.3	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Lount Meadows SSSI_145m	20 - 30	8.5	26.4	29.3	29.3	0.0	0.0
Lount Meadows SSSI_155m	20 - 30	8.5	26.4	29.3	29.3	0.0	0.0
Lount Meadows SSSI_165m	20 - 30	8.5	26.4	29.3	29.3	0.0	0.0
Lount Meadows SSSI_175m	20 - 30	8.5	26.4	29.3	29.3	0.0	0.0
Lount Meadows SSSI_185m	20 - 30	8.5	26.4	29.2	29.3	0.0	0.0
River Mease SAC_north_0m	No Critical Load for Freshwater	8.0	10.7	13.1	13.1	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_north_10m	No Critical Load for Freshwater	7.7	10.7	12.8	12.8	0.0	N/A
River Mease SAC_north_20m	No Critical Load for Freshwater	7.7	10.7	12.6	12.6	0.0	N/A
River Mease SAC_north_30m	No Critical Load for Freshwater	7.7	10.7	12.4	12.4	0.0	N/A
River Mease SAC_north_40m	No Critical Load for Freshwater	7.7	10.7	12.3	12.3	0.0	N/A
River Mease SAC_north_50m	No Critical Load for Freshwater	7.7	10.7	12.3	12.3	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_north_60m	No Critical Load for Freshwater	7.7	10.7	12.2	12.2	0.0	N/A
River Mease SAC_north_70m	No Critical Load for Freshwater	7.7	10.7	12.2	12.2	0.0	N/A
River Mease SAC_north_80m	No Critical Load for Freshwater	7.7	10.7	12.1	12.1	0.0	N/A
River Mease SAC_north_90m	No Critical Load for Freshwater	7.7	10.7	12.1	12.1	0.0	N/A
River Mease SAC_north_100m	No Critical Load for Freshwater	7.7	10.7	12.1	12.1	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_north_110m	No Critical Load for Freshwater	7.7	10.7	12.1	12.1	0.0	N/A
River Mease SAC_north_120m	No Critical Load for Freshwater	7.7	10.7	12.0	12.0	0.0	N/A
River Mease SAC_north_130m	No Critical Load for Freshwater	7.7	10.7	12.0	12.0	0.0	N/A
River Mease SAC_north_140m	No Critical Load for Freshwater	7.7	10.7	12.0	12.0	0.0	N/A
River Mease SAC_north_150m	No Critical Load for Freshwater	7.7	10.7	12.0	12.0	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_north_160m	No Critical Load for Freshwater	7.7	10.7	12.0	12.0	0.0	N/A
River Mease SAC_north_170m	No Critical Load for Freshwater	7.7	10.7	12.0	12.0	0.0	N/A
River Mease SAC_north_180m	No Critical Load for Freshwater	7.7	10.7	12.0	12.0	0.0	N/A
River Mease SAC_north_190m	No Critical Load for Freshwater	7.7	10.7	12.0	12.0	0.0	N/A
River Mease SAC_north_200m	No Critical Load for Freshwater	7.7	10.7	12.0	12.0	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_south_0m	No Critical Load for Freshwater	8.0	10.7	13.1	13.1	0.0	N/A
River Mease SAC_south_10m	No Critical Load for Freshwater	8.0	10.7	12.8	12.8	0.0	N/A
River Mease SAC_south_20m	No Critical Load for Freshwater	8.0	10.7	12.6	12.6	0.0	N/A
River Mease SAC_south_30m	No Critical Load for Freshwater	8.0	10.7	12.5	12.5	0.0	N/A
River Mease SAC_south_40m	No Critical Load for Freshwater	8.0	10.7	12.4	12.4	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_south_50m	No Critical Load for Freshwater	8.0	10.7	12.3	12.3	0.0	N/A
River Mease SAC_south_60m	No Critical Load for Freshwater	8.0	10.7	12.3	12.3	0.0	N/A
River Mease SAC_south_70m	No Critical Load for Freshwater	8.0	10.7	12.2	12.2	0.0	N/A
River Mease SAC_south_80m	No Critical Load for Freshwater	8.0	10.7	12.2	12.2	0.0	N/A
River Mease SAC_south_90m	No Critical Load for Freshwater	8.0	10.7	12.2	12.2	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_south_100m	No Critical Load for Freshwater	8.0	10.7	12.2	12.2	0.0	N/A
River Mease SAC_south_110m	No Critical Load for Freshwater	8.0	10.7	12.2	12.2	0.0	N/A
River Mease SAC_south_120m	No Critical Load for Freshwater	8.0	10.7	12.2	12.2	0.0	N/A
River Mease SAC_south_130m	No Critical Load for Freshwater	8.0	10.7	12.1	12.1	0.0	N/A
River Mease SAC_south_140m	No Critical Load for Freshwater	8.0	10.7	12.1	12.1	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_south_150m	No Critical Load for Freshwater	8.0	10.7	12.1	12.1	0.0	N/A
River Mease SAC_south_160m	No Critical Load for Freshwater	8.0	10.7	12.1	12.1	0.0	N/A
River Mease SAC_south_170m	No Critical Load for Freshwater	8.0	10.7	12.1	12.1	0.0	N/A
River Mease SAC_south_180m	No Critical Load for Freshwater	8.0	10.7	12.1	12.1	0.0	N/A
River Mease SAC_south_190m	No Critical Load for Freshwater	8.0	10.7	12.1	12.1	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_south_200m	No Critical Load for Freshwater	8.0	10.7	12.1	12.1	0.0	N/A

Table 14.28: North West Leicestershire District critical load assessment in Future Year 2036.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Oakley Wood SSSI_T1_33m	15 - 20	9.6	38.8	43.0	43.0	0.0	+0.3
Oakley Wood SSSI_T1_43m	15 - 20	9.6	38.8	42.9	42.9	0.0	+0.3

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Oakley Wood SSSI_T1_53m	15 - 20	9.6	38.8	42.8	42.9	0.0	+0.3
Oakley Wood SSSI_T1_63m	15 - 20	9.6	38.8	42.7	42.8	0.0	+0.2
Oakley Wood SSSI_T1_73m	15 - 20	9.6	38.8	42.7	42.7	0.0	+0.2
Oakley Wood SSSI_T1_83m	15 - 20	9.6	38.8	42.6	42.6	0.0	+0.2
Oakley Wood SSSI_T1_93m	15 - 20	9.6	38.8	42.6	42.6	0.0	+0.2
Oakley Wood SSSI_T1_103m	15 - 20	9.6	38.8	42.5	42.5	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Oakley Wood SSSI_T1_113m	15 - 20	9.6	38.8	42.5	42.5	0.0	+0.2
Oakley Wood SSSI_T1_123m	15 - 20	9.6	38.8	42.4	42.5	0.0	+0.2
Oakley Wood SSSI_T1_133m	15 - 20	9.6	38.8	42.4	42.4	0.0	+0.2
Oakley Wood SSSI_T1_143m	15 - 20	9.6	38.8	42.4	42.4	0.0	+0.2
Oakley Wood SSSI_T1_153m	15 - 20	9.6	38.8	42.3	42.3	0.0	+0.2
Oakley Wood SSSI_T1_163m	15 - 20	9.6	38.8	42.3	42.3	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Oakley Wood SSSI_T1_173m	15 - 20	9.6	38.8	42.3	42.3	0.0	+0.2
Oakley Wood SSSI_T1_183m	15 - 20	9.6	38.8	42.2	42.3	0.0	+0.2
Oakley Wood SSSI_T1_193m	15 - 20	9.6	38.8	42.2	42.2	0.0	+0.1
Pipers Wood AW_T1_24m	10 - 20	8.4	38.8	42.2	42.2	0.0	0.0
Pipers Wood AW_T1_34m	10 - 20	8.4	38.8	42.1	42.1	0.0	+0.1
Pipers Wood AW_T1_44m	10 - 20	8.4	38.8	42.0	42.0	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Pipers Wood AW_T1_54m	10 - 20	8.4	38.8	42.0	42.0	0.0	+0.1
Pipers Wood AW_T1_64m	10 - 20	8.4	38.8	41.9	41.9	0.0	+0.1
Pipers Wood AW_T1_74m	10 - 20	8.4	38.8	41.9	41.9	0.0	+0.1
Pipers Wood AW_T1_84m	10 - 20	8.4	38.8	41.8	41.8	0.0	+0.1
Pipers Wood AW_T1_94m	10 - 20	8.4	38.8	41.8	41.8	0.0	+0.1
Pipers Wood AW_T1_104m	10 - 20	8.4	38.8	41.8	41.8	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Pipers Wood AW_T1_114m	10 - 20	8.4	38.8	41.7	41.7	0.0	+0.1
Pipers Wood AW_T1_124m	10 - 20	8.4	38.8	41.7	41.7	0.0	+0.1
Pipers Wood AW_T1_134m	10 - 20	8.4	38.8	41.7	41.7	0.0	+0.1
Pipers Wood AW_T1_144m	10 - 20	8.4	38.8	41.7	41.7	0.0	+0.1
Pipers Wood AW_T1_154m	10 - 20	8.4	38.8	41.7	41.7	0.0	+0.1
Pipers Wood AW_T1_164m	10 - 20	8.4	38.8	41.6	41.6	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Pipers Wood AW_T1_174m	10 - 20	8.4	38.8	41.6	41.6	0.0	+0.1
Pipers Wood AW_T1_184m	10 - 20	8.4	38.8	41.6	41.6	0.0	+0.1
Pipers Wood AW_T1_194m	10 - 20	8.4	38.8	41.6	41.6	0.0	+0.1
Pipers Wood AW_T2_29m	10 - 20	10.2	38.8	43.3	43.4	+0.1	+0.9
Pipers Wood AW_T2_39m	10 - 20	10.2	38.8	43.2	43.2	+0.1	+0.8
Pipers Wood AW_T2_49m	10 - 20	10.2	38.8	43.1	43.1	+0.1	+0.7

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Pipers Wood AW_T2_59m	10 - 20	10.2	38.8	43.0	43.1	+0.1	+0.6
Pipers Wood AW_T2_69m	10 - 20	10.2	38.8	42.9	43.0	+0.1	+0.5
Pipers Wood AW_T2_79m	10 - 20	10.2	38.8	42.9	42.9	0.0	+0.5
Pipers Wood AW_T2_89m	10 - 20	10.2	38.8	42.8	42.8	0.0	+0.4
Pipers Wood AW_T2_99m	10 - 20	10.2	38.8	42.8	42.8	0.0	+0.4
Pipers Wood AW_T2_109m	10 - 20	10.2	38.8	42.7	42.7	0.0	+0.3

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Pipers Wood AW_T2_119m	10 - 20	10.2	38.8	42.7	42.7	0.0	+0.3
Pipers Wood AW_T2_129m	10 - 20	10.2	38.8	42.6	42.7	0.0	+0.3
Pipers Wood AW_T2_139m	10 - 20	10.2	38.8	42.6	42.6	0.0	+0.2
Pipers Wood AW_T2_149m	10 - 20	10.2	38.8	42.6	42.6	0.0	+0.2
Pipers Wood AW_T2_159m	10 - 20	10.2	38.8	42.5	42.5	0.0	+0.2
Tonge Gorse AW_3m	10 - 20	8.3	38.8	43.0	43.0	0.0	+0.3
Tonge Gorse AW_13m	10 - 20	8.3	38.8	42.4	42.4	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Tonge Gorse AW_23m	10 - 20	8.3	38.8	42.1	42.1	0.0	+0.1
Tonge Gorse AW_33m	10 - 20	8.3	38.8	42.0	42.0	0.0	+0.1
Tonge Gorse AW_43m	10 - 20	8.3	38.8	41.8	41.9	0.0	+0.1
Tonge Gorse AW_53m	10 - 20	8.3	38.8	41.8	41.8	0.0	+0.1
Tonge Gorse AW_63m	10 - 20	8.3	38.8	41.7	41.7	0.0	+0.1
Tonge Gorse AW_73m	10 - 20	8.3	38.8	41.6	41.7	0.0	+0.1
Tonge Gorse AW_83m	10 - 20	8.3	38.8	41.6	41.6	0.0	+0.1
Tonge Gorse AW_93m	10 - 20	8.3	38.8	41.6	41.6	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Tonge Gorse AW_103m	10 - 20	8.3	38.8	41.5	41.6	0.0	+0.1
Tonge Gorse AW_113m	10 - 20	8.3	38.8	41.5	41.5	0.0	+0.1
Tonge Gorse AW_123m	10 - 20	8.3	38.8	41.5	41.5	0.0	+0.1
Tonge Gorse AW_133m	10 - 20	8.3	38.8	41.5	41.5	0.0	+0.1
Tonge Gorse AW_143m	10 - 20	8.3	38.8	41.5	41.5	0.0	+0.1
Tonge Gorse AW_153m	10 - 20	8.3	38.8	41.5	41.5	0.0	0.0
Tonge Gorse AW_163m	10 - 20	8.3	38.8	41.4	41.5	0.0	+0.1
Tonge Gorse AW_173m	10 - 20	8.3	38.8	41.4	41.4	0.0	0.0
Tonge Gorse AW_183m	10 - 20	8.3	38.8	41.4	41.4	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Tonge Gorse AW_193m	10 - 20	8.3	38.8	41.4	41.4	0.0	+0.1
Lount Meadows SSSI_15m	20 - 30	7.7	26.4	29.9	29.9	0.0	0.0
Lount Meadows SSSI_25m	20 - 30	7.7	26.4	29.6	29.7	0.0	0.0
Lount Meadows SSSI_35m	20 - 30	7.7	26.4	29.5	29.5	0.0	0.0
Lount Meadows SSSI_45m	20 - 30	7.7	26.4	29.4	29.4	0.0	0.0
Lount Meadows SSSI_55m	20 - 30	7.7	26.4	29.3	29.3	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Lount Meadows SSSI_65m	20 - 30	7.7	26.4	29.2	29.2	0.0	0.0
Lount Meadows SSSI_75m	20 - 30	7.7	26.4	29.2	29.2	0.0	0.0
Lount Meadows SSSI_85m	20 - 30	7.7	26.4	29.1	29.1	0.0	0.0
Lount Meadows SSSI_95m	20 - 30	7.7	26.4	29.1	29.1	0.0	0.0
Lount Meadows SSSI_105m	20 - 30	7.7	26.4	29.0	29.1	0.0	0.0
Lount Meadows SSSI_105m	20 - 30	7.7	26.4	29.0	29.1	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Lount Meadows SSSI_115m	20 - 30	7.7	26.4	29.0	29.0	0.0	0.0
Lount Meadows SSSI_125m	20 - 30	7.7	26.4	29.0	29.0	0.0	0.0
Lount Meadows SSSI_135m	20 - 30	7.7	26.4	29.0	29.0	0.0	0.0
Lount Meadows SSSI_145m	20 - 30	7.7	26.4	28.9	28.9	0.0	0.0
Lount Meadows SSSI_155m	20 - 30	7.7	26.4	28.9	28.9	0.0	0.0
Lount Meadows SSSI_165m	20 - 30	7.7	26.4	28.9	28.9	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Lount Meadows SSSI_175m	20 - 30	7.7	26.4	28.9	28.9	0.0	0.0
Lount Meadows SSSI_185m	20 - 30	7.7	26.4	28.9	28.9	0.0	0.0
River Mease SAC_north_0m	No Critical Load for Freshwater	7.2	10.7	12.6	12.6	0.0	N/A
River Mease SAC_north_10m	No Critical Load for Freshwater	7.0	10.7	12.3	12.3	0.0	N/A
River Mease SAC_north_20m	No Critical Load for Freshwater	7.0	10.7	12.2	12.2	0.0	N/A
River Mease SAC_north_30m	No Critical Load for Freshwater	7.0	10.7	12.1	12.1	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_north_40m	No Critical Load for Freshwater	7.0	10.7	12.0	12.0	0.0	N/A
River Mease SAC_north_50m	No Critical Load for Freshwater	7.0	10.7	12.0	12.0	0.0	N/A
River Mease SAC_north_60m	No Critical Load for Freshwater	7.0	10.7	12.0	12.0	0.0	N/A
River Mease SAC_north_70m	No Critical Load for Freshwater	7.0	10.7	11.9	11.9	0.0	N/A
River Mease SAC_north_80m	No Critical Load for Freshwater	7.0	10.7	11.9	11.9	0.0	N/A
River Mease SAC_north_90m	No Critical Load for Freshwater	7.0	10.7	11.9	11.9	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_north_100m	No Critical Load for Freshwater	7.0	10.7	11.9	11.9	0.0	N/A
River Mease SAC_north_110m	No Critical Load for Freshwater	7.0	10.7	11.9	11.9	0.0	N/A
River Mease SAC_north_120m	No Critical Load for Freshwater	7.0	10.7	11.8	11.9	0.0	N/A
River Mease SAC_north_130m	No Critical Load for Freshwater	7.0	10.7	11.8	11.8	0.0	N/A
River Mease SAC_north_140m	No Critical Load for Freshwater	7.0	10.7	11.8	11.8	0.0	N/A
River Mease SAC_north_150m	No Critical Load for Freshwater	7.0	10.7	11.8	11.8	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_north_160m	No Critical Load for Freshwater	7.0	10.7	11.8	11.8	0.0	N/A
River Mease SAC_north_170m	No Critical Load for Freshwater	7.0	10.7	11.8	11.8	0.0	N/A
River Mease SAC_north_180m	No Critical Load for Freshwater	7.0	10.7	11.8	11.8	0.0	N/A
River Mease SAC_north_190m	No Critical Load for Freshwater	7.0	10.7	11.8	11.8	0.0	N/A
River Mease SAC_north_200m	No Critical Load for Freshwater	7.0	10.7	11.8	11.8	0.0	N/A
River Mease SAC_south_0m	No Critical Load for Freshwater	7.2	10.7	12.6	12.6	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_south_10m	No Critical Load for Freshwater	7.2	10.7	12.4	12.4	0.0	N/A
River Mease SAC_south_20m	No Critical Load for Freshwater	7.2	10.7	12.3	12.3	0.0	N/A
River Mease SAC_south_30m	No Critical Load for Freshwater	7.2	10.7	12.2	12.2	0.0	N/A
River Mease SAC_south_40m	No Critical Load for Freshwater	7.2	10.7	12.1	12.1	0.0	N/A
River Mease SAC_south_50m	No Critical Load for Freshwater	7.2	10.7	12.0	12.1	0.0	N/A
River Mease SAC_south_60m	No Critical Load for Freshwater	7.2	10.7	12.0	12.0	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_south_70m	No Critical Load for Freshwater	7.2	10.7	12.0	12.0	0.0	N/A
River Mease SAC_south_80m	No Critical Load for Freshwater	7.2	10.7	12.0	12.0	0.0	N/A
River Mease SAC_south_90m	No Critical Load for Freshwater	7.2	10.7	11.9	11.9	0.0	N/A
River Mease SAC_south_100m	No Critical Load for Freshwater	7.2	10.7	11.9	11.9	0.0	N/A
River Mease SAC_south_110m	No Critical Load for Freshwater	7.2	10.7	11.9	11.9	0.0	N/A
River Mease SAC_south_120m	No Critical Load for Freshwater	7.2	10.7	11.9	11.9	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_south_130m	No Critical Load for Freshwater	7.2	10.7	11.9	11.9	0.0	N/A
River Mease SAC_south_140m	No Critical Load for Freshwater	7.2	10.7	11.9	11.9	0.0	N/A
River Mease SAC_south_150m	No Critical Load for Freshwater	7.2	10.7	11.9	11.9	0.0	N/A
River Mease SAC_south_160m	No Critical Load for Freshwater	7.2	10.7	11.9	11.9	0.0	N/A
River Mease SAC_south_170m	No Critical Load for Freshwater	7.2	10.7	11.9	11.9	0.0	N/A
River Mease SAC_south_180m	No Critical Load for Freshwater	7.2	10.7	11.9	11.9	0.0	N/A

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
River Mease SAC_south_190m	No Critical Load for Freshwater	7.2	10.7	11.9	11.9	0.0	N/A
River Mease SAC_south_200m	No Critical Load for Freshwater	7.2	10.7	11.9	11.9	0.0	N/A

North Warwickshire District Council

Table 14.29: North Warwickshire District Council critical load assessment in Opening Year 2026.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Bramcote Covert AW_106m	10 - 20	9.6	37.2	40.5	40.6	0.0	+0.1
Bramcote Covert AW_116m	10 - 20	9.6	37.2	40.5	40.5	0.0	+0.1
Bramcote Covert AW_126m	10 - 20	9.6	37.2	40.5	40.5	0.0	0.0
Bramcote Covert AW_136m	10 - 20	9.6	37.2	40.5	40.5	0.0	+0.1
Bramcote Covert AW_146m	10 - 20	9.6	37.2	40.4	40.4	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Bramcote Covert AW_156m	10 - 20	9.6	37.2	40.4	40.4	0.0	0.0
Bramcote Covert AW_166m	10 - 20	9.6	37.2	40.4	40.4	0.0	0.0
Bramcote Covert AW_176m	10 - 20	9.6	37.2	40.4	40.4	0.0	0.0
Bramcote Covert AW_186m	10 - 20	9.6	37.2	40.4	40.4	0.0	0.0
Bramcote Covert AW_196m	10 - 20	9.6	37.2	40.3	40.3	0.0	0.0
Alvecote Pools SSSI_86m	20 – 30	9.9	9.7	11.4	11.4	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Alvecote Pools SSSI_96m	20 – 30	9.9	9.7	11.4	11.4	0.0	0.0
Alvecote Pools SSSI_106m	20 – 30	9.9	9.7	11.4	11.4	0.0	0.0
Alvecote Pools SSSI_116m	20 – 30	9.9	9.7	11.3	11.3	0.0	0.0
Alvecote Pools SSSI_126m	20 – 30	9.9	9.7	11.3	11.3	0.0	0.0
Alvecote Pools SSSI_136m	20 – 30	9.9	9.7	11.3	11.3	0.0	0.0
Alvecote Pools SSSI_146m	20 – 30	9.9	9.7	11.3	11.3	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Alvecote Pools SSSI_156m	20 – 30	9.9	9.7	11.3	11.3	0.0	0.0
Alvecote Pools SSSI_166m	20 – 30	9.9	9.7	11.3	11.3	0.0	0.0
Alvecote Pools SSSI_176m	20 – 30	9.9	9.7	11.3	11.3	0.0	0.0
Alvecote Pools SSSI_186m	20 – 30	9.9	9.7	11.3	11.3	0.0	0.0
Alvecote Pools SSSI_196m	20 – 30	9.9	9.7	11.3	11.3	0.0	0.0
Grendon Wood AW_50m	10 - 20	8.3	35.8	38.5	38.5	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Grendon Wood AW_60m	10 - 20	8.3	35.8	38.5	38.5	0.0	+0.1
Grendon Wood AW_70m	10 - 20	8.3	35.8	38.4	38.4	0.0	0.0
Grendon Wood AW_90m	10 - 20	8.3	35.8	38.4	38.4	0.0	0.0
Grendon Wood AW_80m	10 - 20	8.3	35.8	38.4	38.4	0.0	0.0
Grendon Wood AW_100m	10 - 20	8.3	35.8	38.4	38.4	0.0	+0.1
Grendon Wood AW_110m	10 - 20	8.3	35.8	38.4	38.4	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Grendon Wood AW_120m	10 - 20	8.3	35.8	38.4	38.4	0.0	+0.1
Grendon Wood AW_130m	10 - 20	8.3	35.8	38.4	38.4	0.0	0.0
Grendon Wood AW_140m	10 - 20	8.3	35.8	38.4	38.4	0.0	+0.1
Grendon Wood AW_150m	10 - 20	8.3	35.8	38.4	38.4	0.0	0.0
Grendon Wood AW_160m	10 - 20	8.3	35.8	38.4	38.4	0.0	0.0
Grendon Wood AW_170m	10 - 20	8.3	35.8	38.4	38.4	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Grendon Wood AW_180m	10 - 20	8.3	35.8	38.4	38.4	0.0	0.0
Grendon Wood AW_190m	10 - 20	8.3	35.8	38.4	38.4	0.0	0.0
Grendon Wood AW_200m	10 - 20	8.3	35.8	38.4	38.4	0.0	0.0
Sparrowdale Wood AW_150m	10 - 20	8.5	35.8	37.1	37.1	0.0	0.0
Sparrowdale Wood AW_160m	10 - 20	8.5	35.8	37.1	37.1	0.0	0.0
Sparrowdale Wood AW_170m	10 - 20	8.5	35.8	37.1	37.1	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Sparrowdale Wood AW_180m	10 - 20	8.5	35.8	37.1	37.1	0.0	0.0
Sparrowdale Wood AW_190m	10 - 20	8.5	35.8	37.1	37.1	0.0	0.0
Sparrowdale Wood AW_200m	10 - 20	8.5	35.8	37.1	37.1	0.0	0.0
Daniels Wood AW_40m	10 - 20	12.9	38.6	44.1	44.1	0.0	+0.1
Daniels Wood AW_50m	10 - 20	12.9	38.6	43.9	43.9	0.0	+0.1
Daniels Wood AW_60m	10 - 20	12.9	38.6	43.7	43.7	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Daniels Wood AW_70m	10 - 20	12.9	38.6	43.6	43.6	0.0	+0.1
Daniels Wood AW_80m	10 - 20	12.9	38.6	43.5	43.5	0.0	+0.1
Daniels Wood AW_90m	10 - 20	12.9	38.6	43.4	43.4	0.0	+0.1
Daniels Wood AW_100m	10 - 20	12.9	38.6	43.3	43.3	0.0	+0.1
Daniels Wood AW_110m	10 - 20	12.9	38.6	43.3	43.3	0.0	+0.1
Daniels Wood AW_120m	10 - 20	12.9	38.6	43.2	43.2	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Daniels Wood AW_130m	10 - 20	12.9	38.6	43.2	43.2	0.0	+0.1
Daniels Wood AW_140m	10 - 20	12.9	38.6	43.1	43.1	0.0	+0.1
Daniels Wood AW_150m	10 - 20	12.9	38.6	43.1	43.1	0.0	+0.1
Daniels Wood AW_160m	10 - 20	12.9	38.6	43.0	43.0	0.0	+0.1
Daniels Wood AW_170m	10 - 20	12.9	38.6	43.0	43.0	0.0	+0.1
Daniels Wood AW_180m	10 - 20	12.9	38.6	43.0	43.0	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Daniels Wood AW_190m	10 - 20	12.9	38.6	43.0	43.0	0.0	+0.1
Daniels Wood AW_200m	10 - 20	12.9	38.6	42.9	42.9	0.0	+0.1

Table 14.30: North Warwickshire District critical load assessment in Future Year 2036.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Bramcote Covert AW_106m	10 - 20	8.5	37.2	40.1	40.1	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Bramcote Covert AW_116m	10 - 20	8.5	37.2	40.0	40.0	0.0	0.0
Bramcote Covert AW_126m	10 - 20	8.5	37.2	40.0	40.0	0.0	0.0
Bramcote Covert AW_136m	10 - 20	8.5	37.2	40.0	40.0	0.0	0.0
Bramcote Covert AW_146m	10 - 20	8.5	37.2	40.0	40.0	0.0	0.0
Bramcote Covert AW_156m	10 - 20	8.5	37.2	40.0	40.0	0.0	0.0
Bramcote Covert AW_166m	10 - 20	8.5	37.2	39.9	39.9	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Bramcote Covert AW_176m	10 - 20	8.5	37.2	39.9	39.9	0.0	0.0
Bramcote Covert AW_186m	10 - 20	8.5	37.2	39.9	39.9	0.0	0.0
Bramcote Covert AW_196m	10 - 20	8.5	37.2	39.9	39.9	0.0	0.0
Alvecote Pools SSSI_86m	20 – 30	8.8	9.7	11.2	11.2	0.0	0.0
Alvecote Pools SSSI_96m	20 – 30	8.8	9.7	11.1	11.1	0.0	0.0
Alvecote Pools SSSI_106m	20 – 30	8.8	9.7	11.1	11.1	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Alvecote Pools SSSI_116m	20 – 30	8.8	9.7	11.1	11.1	0.0	0.0
Alvecote Pools SSSI_126m	20 – 30	8.8	9.7	11.1	11.1	0.0	0.0
Alvecote Pools SSSI_136m	20 – 30	8.8	9.7	11.1	11.1	0.0	0.0
Alvecote Pools SSSI_146m	20 – 30	8.8	9.7	11.1	11.1	0.0	0.0
Alvecote Pools SSSI_156m	20 – 30	8.8	9.7	11.1	11.1	0.0	0.0
Alvecote Pools SSSI_166m	20 – 30	8.8	9.7	11.1	11.1	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Alvecote Pools SSSI_176m	20 – 30	8.8	9.7	11.1	11.1	0.0	0.0
Alvecote Pools SSSI_186m	20 – 30	8.8	9.7	11.1	11.1	0.0	0.0
Alvecote Pools SSSI_196m	20 – 30	8.8	9.7	11.0	11.0	0.0	0.0
Grendon Wood AW_50m	10 - 20	7.6	35.8	38.2	38.2	0.0	0.0
Grendon Wood AW_60m	10 - 20	7.6	35.8	38.2	38.2	0.0	0.0
Grendon Wood AW_70m	10 - 20	7.6	35.8	38.2	38.2	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Grendon Wood AW_90m	10 - 20	7.6	35.8	38.2	38.2	0.0	0.0
Grendon Wood AW_80m	10 - 20	7.6	35.8	38.2	38.2	0.0	0.0
Grendon Wood AW_100m	10 - 20	7.6	35.8	38.1	38.2	0.0	0.0
Grendon Wood AW_110m	10 - 20	7.6	35.8	38.1	38.1	0.0	0.0
Grendon Wood AW_120m	10 - 20	7.6	35.8	38.1	38.1	0.0	0.0
Grendon Wood AW_130m	10 - 20	7.6	35.8	38.1	38.1	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Grendon Wood AW_140m	10 - 20	7.6	35.8	38.1	38.1	0.0	0.0
Grendon Wood AW_150m	10 - 20	7.6	35.8	38.1	38.1	0.0	0.0
Grendon Wood AW_160m	10 - 20	7.6	35.8	38.1	38.1	0.0	0.0
Grendon Wood AW_170m	10 - 20	7.6	35.8	38.1	38.1	0.0	0.0
Grendon Wood AW_180m	10 - 20	7.6	35.8	38.1	38.1	0.0	0.0
Grendon Wood AW_190m	10 - 20	7.6	35.8	38.1	38.1	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Grendon Wood AW_200m	10 - 20	7.6	35.8	38.1	38.1	0.0	0.0
Sparrowdale Wood AW_150m	10 - 20	7.9	35.8	37.0	37.0	0.0	0.0
Sparrowdale Wood AW_160m	10 - 20	7.9	35.8	37.0	37.0	0.0	0.0
Sparrowdale Wood AW_170m	10 - 20	7.9	35.8	37.0	37.0	0.0	0.0
Sparrowdale Wood AW_180m	10 - 20	7.9	35.8	37.0	37.0	0.0	0.0
Sparrowdale Wood AW_190m	10 - 20	7.9	35.8	37.0	37.0	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Sparrowdale Wood AW_200m	10 - 20	7.9	35.8	37.0	37.0	0.0	0.0
Daniels Wood AW_40m	10 - 20	11.1	38.6	43.1	43.1	0.0	+0.1
Daniels Wood AW_50m	10 - 20	11.1	38.6	42.9	42.9	0.0	+0.1
Daniels Wood AW_60m	10 - 20	11.1	38.6	42.8	42.8	0.0	+0.1
Daniels Wood AW_70m	10 - 20	11.1	38.6	42.7	42.7	0.0	+0.1
Daniels Wood AW_80m	10 - 20	11.1	38.6	42.6	42.7	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Daniels Wood AW_90m	10 - 20	11.1	38.6	42.6	42.6	0.0	+0.1
Daniels Wood AW_100m	10 - 20	11.1	38.6	42.5	42.5	0.0	+0.1
Daniels Wood AW_110m	10 - 20	11.1	38.6	42.5	42.5	0.0	+0.1
Daniels Wood AW_120m	10 - 20	11.1	38.6	42.4	42.5	0.0	+0.1
Daniels Wood AW_130m	10 - 20	11.1	38.6	42.4	42.4	0.0	+0.1
Daniels Wood AW_140m	10 - 20	11.1	38.6	42.4	42.4	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Daniels Wood AW_150m	10 - 20	11.1	38.6	42.3	42.4	0.0	+0.1
Daniels Wood AW_160m	10 - 20	11.1	38.6	42.3	42.3	0.0	+0.1
Daniels Wood AW_170m	10 - 20	11.1	38.6	42.3	42.3	0.0	0.0
Daniels Wood AW_180m	10 - 20	11.1	38.6	42.3	42.3	0.0	+0.1
Daniels Wood AW_190m	10 - 20	11.1	38.6	42.3	42.3	0.0	+0.1
Daniels Wood AW_200m	10 - 20	11.1	38.6	42.2	42.3	0.0	+0.1

Nuneaton and Bedworth Borough Council

Table 14.31: Nuneaton and Bedworth Borough Council critical load assessment in Opening Year 2026.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Many Lands Wood AW_142m	10 - 20	10.2	39.1	42.7	42.7	0.0	+0.1
Many Lands Wood AW_152m	10 - 20	10.2	39.1	42.7	42.7	0.0	+0.1
Many Lands Wood AW_162m	10 - 20	10.2	39.1	42.6	42.7	0.0	+0.1
Many Lands Wood AW_172m	10 - 20	10.2	39.1	42.6	42.6	0.0	+0.1
Many Lands Wood AW_182m	10 - 20	10.2	39.1	42.6	42.6	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Many Lands Wood AW_192m	10 - 20	10.2	39.1	42.6	42.6	0.0	+0.1
Many Lands Wood AW_202m	10 - 20	10.2	39.1	42.5	42.6	0.0	+0.1

Table 14.32: Nuneaton and Bedworth Borough Council critical load assessment in Future Year 2036.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Many Lands Wood AW_142m	10 - 20	9.1	39.1	42.2	42.2	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Many Lands Wood AW_152m	10 - 20	9.1	39.1	42.2	42.2	0.0	+0.1
Many Lands Wood AW_162m	10 - 20	9.1	39.1	42.1	42.1	0.0	+0.1
Many Lands Wood AW_172m	10 - 20	9.1	39.1	42.1	42.1	0.0	+0.1
Many Lands Wood AW_182m	10 - 20	9.1	39.1	42.1	42.1	0.0	+0.1
Many Lands Wood AW_192m	10 - 20	9.1	39.1	42.1	42.1	0.0	0.0
Many Lands Wood AW_202m	10 - 20	9.1	39.1	42.1	42.1	0.0	+0.1

Rugby Borough Council

Table 14.33: Rugby Borough Council critical load assessment in Opening Year 2026.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Ashlawn Cutting LNR_44m	10 - 20	9.4	39.3	45.3	45.3	0.0	+0.3
Ashlawn Cutting LNR_54m	10 - 20	9.4	39.3	44.9	44.9	0.0	+0.3
Ashlawn Cutting LNR_64m	10 - 20	9.4	39.3	44.6	44.6	0.0	+0.3
Ashlawn Cutting LNR_74m	10 - 20	9.4	39.3	44.4	44.4	0.0	+0.3

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Ashlawn Cutting LNR_84m	10 - 20	9.4	39.3	44.2	44.2	0.0	+0.2
Ashlawn Cutting LNR_94m	10 - 20	9.4	39.3	44.0	44.0	0.0	+0.2
Ashlawn Cutting LNR_104m	10 - 20	9.4	39.3	43.9	43.9	0.0	+0.3
Ashlawn Cutting LNR_114m	10 - 20	9.4	39.3	43.8	43.8	0.0	+0.2
Ashlawn Cutting LNR_124m	10 - 20	9.4	39.3	43.7	43.7	0.0	+0.3
Ashlawn Cutting LNR_134m	10 - 20	9.4	39.3	43.6	43.6	0.0	+0.3

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Ashlawn Cutting LNR_144m	10 - 20	9.4	39.3	43.5	43.5	0.0	+0.3
Ashlawn Cutting LNR_154m	10 - 20	9.4	39.3	43.4	43.4	0.0	+0.2
Ashlawn Cutting LNR_164m	10 - 20	9.4	39.3	43.4	43.4	0.0	+0.3
Ashlawn Cutting LNR_174m	10 - 20	9.4	39.3	43.3	43.3	0.0	+0.3
Ashlawn Cutting LNR_184m	10 - 20	9.4	39.3	43.3	43.3	0.0	+0.2
Ashlawn Cutting LNR_194m	10 - 20	9.4	39.3	43.2	43.2	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Ashlawn Cutting LNR_204m	10 - 20	9.4	39.3	43.2	43.2	0.0	+0.2

Table 14.34: Rugby Borough Council critical load assessment in Future Year 2036.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Ashlawn Cutting LNR_44m	10 - 20	8.4	39.3	44.0	44.0	0.0	+0.2
Ashlawn Cutting LNR_54m	10 - 20	8.4	39.3	43.7	43.7	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Ashlawn Cutting LNR_64m	10 - 20	8.4	39.3	43.5	43.5	0.0	+0.2
Ashlawn Cutting LNR_74m	10 - 20	8.4	39.3	43.3	43.3	0.0	+0.2
Ashlawn Cutting LNR_84m	10 - 20	8.4	39.3	43.2	43.2	0.0	+0.2
Ashlawn Cutting LNR_94m	10 - 20	8.4	39.3	43.1	43.1	0.0	+0.2
Ashlawn Cutting LNR_104m	10 - 20	8.4	39.3	43.0	43.0	0.0	+0.2
Ashlawn Cutting LNR_114m	10 - 20	8.4	39.3	42.9	42.9	0.0	+0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Ashlawn Cutting LNR_124m	10 - 20	8.4	39.3	42.8	42.9	0.0	+0.2
Ashlawn Cutting LNR_134m	10 - 20	8.4	39.3	42.8	42.8	0.0	+0.1
Ashlawn Cutting LNR_144m	10 - 20	8.4	39.3	42.7	42.8	0.0	+0.2
Ashlawn Cutting LNR_154m	10 - 20	8.4	39.3	42.7	42.7	0.0	+0.2
Ashlawn Cutting LNR_164m	10 - 20	8.4	39.3	42.6	42.7	0.0	+0.1
Ashlawn Cutting LNR_174m	10 - 20	8.4	39.3	42.6	42.6	0.0	+0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development (µg.m^{-3})	Scenario 5: 2030 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Ashlawn Cutting LNR_184m	10 - 20	8.4	39.3	42.6	42.6	0.0	+0.1
Ashlawn Cutting LNR_194m	10 - 20	8.4	39.3	42.5	42.6	0.0	+0.1
Ashlawn Cutting LNR_204m	10 - 20	8.4	39.3	42.5	42.5	0.0	+0.2

Tamworth Borough Council

Table 14.35: Tamworth Borough Council critical load assessment in Opening Year 2026.

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T1_0m	10 – 20	10.6	36.3	40.3	40.3	0.0	-0.1
Kettle Brook LNR_T1_10m	10 – 20	10.6	36.3	39.3	39.3	0.0	0.0
Kettle Brook LNR_T1_20m	10 – 20	10.6	36.3	38.9	38.9	0.0	0.0
Kettle Brook LNR_T1_30m	10 – 20	10.6	36.3	38.7	38.7	0.0	0.0
Kettle Brook LNR_T1_40m	10 – 20	10.6	36.3	38.5	38.5	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T1_50m	10 – 20	10.6	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T1_60m	10 – 20	10.6	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T1_70m	10 – 20	10.6	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T1_80m	10 – 20	10.6	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T1_90m	10 – 20	10.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T1_100m	10 – 20	10.6	36.3	38.2	38.2	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T1_110m	10 – 20	10.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T1_120m	10 – 20	10.6	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T1_130m	10 – 20	10.6	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T1_140m	10 – 20	10.6	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T1_150m	10 – 20	10.6	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T1_160m	10 – 20	10.6	36.3	38.1	38.1	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T1_170m	10 – 20	10.6	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T1_180m	10 – 20	10.6	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T1_190m	10 – 20	10.6	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T1_200m	10 – 20	10.6	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T2_0m	10 – 20	10.6	36.3	40.4	40.4	0.0	-0.1
Kettle Brook LNR_T2_10m	10 – 20	10.6	36.3	39.6	39.6	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T2_20m	10 – 20	10.6	36.3	39.2	39.2	0.0	0.0
Kettle Brook LNR_T2_30m	10 – 20	10.6	36.3	39.0	39.0	0.0	0.0
Kettle Brook LNR_T2_40m	10 – 20	10.6	36.3	38.8	38.8	0.0	0.0
Kettle Brook LNR_T2_50m	10 – 20	10.6	36.3	38.7	38.7	0.0	0.0
Kettle Brook LNR_T2_60m	10 – 20	10.6	36.3	38.6	38.6	0.0	0.0
Kettle Brook LNR_T2_70m	10 – 20	10.6	36.3	38.5	38.5	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T2_80m	10 – 20	10.6	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T2_90m	10 – 20	10.6	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T2_100m	10 – 20	10.6	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T2_110m	10 – 20	10.6	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T2_120m	10 – 20	10.6	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T2_130m	10 – 20	10.6	36.3	38.3	38.3	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T2_140m	10 – 20	10.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T2_150m	10 – 20	10.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T2_160m	10 – 20	10.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T2_170m	10 – 20	10.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T3_0m	10 – 20	10.7	36.3	39.3	39.3	0.0	0.0
Kettle Brook LNR_T3_10m	10 – 20	10.7	36.3	38.8	38.8	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T3_20m	10 – 20	10.7	36.3	38.5	38.5	0.0	0.0
Kettle Brook LNR_T3_30m	10 – 20	10.7	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T3_40m	10 – 20	10.7	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T3_50m	10 – 20	10.7	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T3_60m	10 – 20	10.7	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T3_70m	10 – 20	10.7	36.3	38.1	38.1	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T3_80m	10 – 20	10.7	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T3_90m	10 – 20	10.7	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T3_100m	10 – 20	10.7	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T3_110m	10 – 20	10.7	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T3_120m	10 – 20	10.7	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T3_130m	10 – 20	10.7	36.3	38.0	38.0	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T3_140m	10 – 20	10.7	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T3_150m	10 – 20	10.7	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T4_0m	10 – 20	11.1	36.3	38.5	38.5	0.0	0.0
Kettle Brook LNR_T4_10m	10 – 20	11.1	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T4_20m	10 – 20	11.1	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T4_30m	10 – 20	11.1	36.3	38.3	38.3	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T4_40m	10 – 20	11.1	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T4_50m	10 – 20	11.1	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T4_60m	10 – 20	11.1	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T4_70m	10 – 20	11.1	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T4_80m	10 – 20	11.1	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T4_90m	10 – 20	11.1	36.3	38.2	38.2	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T5_0m	10 – 20	11.1	36.3	39.0	39.0	0.0	0.0
Kettle Brook LNR_T5_10m	10 – 20	11.1	36.3	38.9	38.9	0.0	0.0
Kettle Brook LNR_T5_20m	10 – 20	11.1	36.3	38.8	38.8	0.0	0.0
Kettle Brook LNR_T5_30m	10 – 20	11.1	36.3	38.7	38.7	0.0	0.0
Kettle Brook LNR_T5_40m	10 – 20	11.1	36.3	38.6	38.6	0.0	0.0
Kettle Brook LNR_T5_50m	10 – 20	11.1	36.3	38.6	38.6	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T5_60m	10 – 20	11.1	36.3	38.5	38.5	0.0	0.0
Kettle Brook LNR_T5_70m	10 – 20	11.1	36.3	38.5	38.5	0.0	0.0
Kettle Brook LNR_T5_80m	10 – 20	11.1	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T5_90m	10 – 20	11.1	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T5_100m	10 – 20	11.1	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T6_0m	10 – 20	12.5	36.3	41.2	41.2	0.0	-0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T6_10m	10 – 20	12.5	36.3	40.3	40.3	0.0	-0.1
Kettle Brook LNR_T6_20m	10 – 20	12.5	36.3	39.8	39.8	0.0	-0.1
Kettle Brook LNR_T6_30m	10 – 20	12.5	36.3	39.5	39.5	0.0	0.0
Kettle Brook LNR_T6_40m	10 – 20	12.5	36.3	39.3	39.3	0.0	0.0
Kettle Brook LNR_T6_50m	10 – 20	12.5	36.3	39.1	39.1	0.0	0.0
Kettle Brook LNR_T6_60m	10 – 20	12.5	36.3	39.0	39.0	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T6_70m	10 – 20	12.5	36.3	38.9	38.9	0.0	0.0
Kettle Brook LNR_T6_80m	10 – 20	12.5	36.3	38.8	38.8	0.0	0.0
Kettle Brook LNR_T6_90m	10 – 20	12.5	36.3	38.7	38.7	0.0	0.0
Kettle Brook LNR_T6_100m	10 – 20	12.5	36.3	38.7	38.7	0.0	0.0
Kettle Brook LNR_T6_110m	10 – 20	12.5	36.3	38.6	38.6	0.0	0.0
Kettle Brook LNR_T6_120m	10 – 20	12.5	36.3	38.6	38.6	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T6_130m	10 – 20	12.5	36.3	38.6	38.6	0.0	0.0
Kettle Brook LNR_T6_140m	10 – 20	12.5	36.3	38.5	38.5	0.0	0.0
Kettle Brook LNR_T6_150m	10 – 20	12.5	36.3	38.5	38.5	0.0	0.0
Kettle Brook LNR_T6_160m	10 – 20	12.5	36.3	38.5	38.5	0.0	0.0
Kettle Brook LNR_T6_170m	10 – 20	12.5	36.3	38.5	38.5	0.0	0.0
Kettle Brook LNR_T6_180m	10 – 20	12.5	36.3	38.4	38.4	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T6_190m	10 – 20	12.5	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T7_0m	10 – 20	11.1	36.3	40.3	40.3	0.0	-0.1
Kettle Brook LNR_T7_10m	10 – 20	11.1	36.3	39.6	39.6	0.0	-0.1
Kettle Brook LNR_T7_20m	10 – 20	11.1	36.3	39.3	39.3	0.0	0.0
Kettle Brook LNR_T7_30m	10 – 20	11.1	36.3	39.0	39.0	0.0	0.0
Kettle Brook LNR_T7_40m	10 – 20	11.1	36.3	38.9	38.9	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development (µg.m^{-3})	Scenario 3: 2026 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T7_50m	10 – 20	11.1	36.3	38.8	38.8	0.0	0.0
Kettle Brook LNR_T7_60m	10 – 20	11.1	36.3	38.7	38.7	0.0	0.0
Kettle Brook LNR_T7_70m	10 – 20	11.1	36.3	38.6	38.6	0.0	0.0
Kettle Brook LNR_T7_80m	10 – 20	11.1	36.3	38.5	38.5	0.0	0.0
Kettle Brook LNR_T7_90m	10 – 20	11.1	36.3	38.5	38.5	0.0	0.0
Kettle Brook LNR_T7_100m	10 – 20	11.1	36.3	38.4	38.4	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T7_110m	10 – 20	11.1	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T7_120m	10 – 20	11.1	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T7_130m	10 – 20	11.1	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T7_140m	10 – 20	11.1	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T7_150m	10 – 20	11.1	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T7_160m	10 – 20	11.1	36.3	38.2	38.2	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2026 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 2: 2026 Without Development ($\mu g.m^{-3}$)	Scenario 3: 2026 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T7_170m	10 – 20	11.1	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T7_180m	10 – 20	11.1	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T7_190m	10 – 20	11.1	36.3	38.2	38.2	0.0	0.0

Table 14.36: Tamworth Borough Council critical load assessment in Future Year 2036

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T1_0m	10 – 20	9.6	36.3	39.2	39.2	0.0	-0.1
Kettle Brook LNR_T1_10m	10 – 20	9.6	36.3	38.6	38.6	0.0	0.0
Kettle Brook LNR_T1_20m	10 – 20	9.6	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T1_30m	10 – 20	9.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T1_40m	10 – 20	9.6	36.3	38.1	38.1	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 (µg.m^{-3})	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development (µg.m^{-3})	Scenario 5: 2030 With Development (µg.m^{-3})	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T1_50m	10 – 20	9.6	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T1_60m	10 – 20	9.6	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T1_70m	10 – 20	9.6	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T1_80m	10 – 20	9.6	36.3	37.9	37.9	0.0	0.0
Kettle Brook LNR_T1_90m	10 – 20	9.6	36.3	37.9	37.9	0.0	0.0
Kettle Brook LNR_T1_100m	10 – 20	9.6	36.3	37.9	37.9	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T1_110m	10 – 20	9.6	36.3	37.9	37.9	0.0	0.0
Kettle Brook LNR_T1_120m	10 – 20	9.6	36.3	37.9	37.9	0.0	0.0
Kettle Brook LNR_T1_130m	10 – 20	9.6	36.3	37.8	37.8	0.0	0.0
Kettle Brook LNR_T1_140m	10 – 20	9.6	36.3	37.8	37.8	0.0	0.0
Kettle Brook LNR_T1_150m	10 – 20	9.6	36.3	37.8	37.8	0.0	0.0
Kettle Brook LNR_T1_160m	10 – 20	9.6	36.3	37.8	37.8	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T1_170m	10 – 20	9.6	36.3	37.8	37.8	0.0	0.0
Kettle Brook LNR_T1_180m	10 – 20	9.6	36.3	37.8	37.8	0.0	0.0
Kettle Brook LNR_T1_190m	10 – 20	9.6	36.3	37.8	37.8	0.0	0.0
Kettle Brook LNR_T1_200m	10 – 20	9.6	36.3	37.8	37.8	0.0	0.0
Kettle Brook LNR_T2_0m	10 – 20	9.6	36.3	39.3	39.3	0.0	-0.1
Kettle Brook LNR_T2_10m	10 – 20	9.6	36.3	38.8	38.8	0.0	-0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T2_20m	10 – 20	9.6	36.3	38.6	38.6	0.0	-0.1
Kettle Brook LNR_T2_30m	10 – 20	9.6	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T2_40m	10 – 20	9.6	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T2_50m	10 – 20	9.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T2_60m	10 – 20	9.6	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T2_70m	10 – 20	9.6	36.3	38.1	38.1	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T2_80m	10 – 20	9.6	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T2_90m	10 – 20	9.6	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T2_100m	10 – 20	9.6	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T2_110m	10 – 20	9.6	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T2_120m	10 – 20	9.6	36.3	38.0	37.9	0.0	0.0
Kettle Brook LNR_T2_130m	10 – 20	9.6	36.3	37.9	37.9	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T2_140m	10 – 20	9.6	36.3	37.9	37.9	0.0	0.0
Kettle Brook LNR_T2_150m	10 – 20	9.6	36.3	37.9	37.9	0.0	0.0
Kettle Brook LNR_T2_160m	10 – 20	9.6	36.3	37.9	37.9	0.0	0.0
Kettle Brook LNR_T2_170m	10 – 20	9.6	36.3	37.9	37.9	0.0	0.0
Kettle Brook LNR_T3_0m	10 – 20	9.9	36.3	38.6	38.6	0.0	0.0
Kettle Brook LNR_T3_10m	10 – 20	9.9	36.3	38.3	38.3	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T3_20m	10 – 20	9.9	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T3_30m	10 – 20	9.9	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T3_40m	10 – 20	9.9	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T3_50m	10 – 20	9.9	36.3	37.9	37.9	0.0	0.0
Kettle Brook LNR_T3_60m	10 – 20	9.9	36.3	37.9	37.9	0.0	0.0
Kettle Brook LNR_T3_70m	10 – 20	9.9	36.3	37.9	37.9	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T3_80m	10 – 20	9.9	36.3	37.9	37.9	0.0	0.0
Kettle Brook LNR_T3_90m	10 – 20	9.9	36.3	37.9	37.9	0.0	0.0
Kettle Brook LNR_T3_100m	10 – 20	9.9	36.3	37.8	37.8	0.0	0.0
Kettle Brook LNR_T3_110m	10 – 20	9.9	36.3	37.8	37.8	0.0	0.0
Kettle Brook LNR_T3_120m	10 – 20	9.9	36.3	37.8	37.8	0.0	0.0
Kettle Brook LNR_T3_130m	10 – 20	9.9	36.3	37.8	37.8	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T3_140m	10 – 20	9.9	36.3	37.8	37.8	0.0	0.0
Kettle Brook LNR_T3_150m	10 – 20	9.9	36.3	37.8	37.8	0.0	0.0
Kettle Brook LNR_T4_0m	10 – 20	10.2	36.3	38.2	38.1	-0.1	-0.9
Kettle Brook LNR_T4_10m	10 – 20	10.2	36.3	38.2	38.1	-0.1	-0.8
Kettle Brook LNR_T4_20m	10 – 20	10.2	36.3	38.1	38.1	-0.1	-0.7
Kettle Brook LNR_T4_30m	10 – 20	10.2	36.3	38.1	38.0	-0.1	-0.6

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T4_40m	10 – 20	10.2	36.3	38.1	38.0	-0.1	-0.6
Kettle Brook LNR_T4_50m	10 – 20	10.2	36.3	38.0	38.0	-0.1	-0.5
Kettle Brook LNR_T4_60m	10 – 20	10.2	36.3	38.0	38.0	0.0	-0.5
Kettle Brook LNR_T4_70m	10 – 20	10.2	36.3	38.0	37.9	0.0	-0.4
Kettle Brook LNR_T4_80m	10 – 20	10.2	36.3	38.0	37.9	0.0	-0.4
Kettle Brook LNR_T4_90m	10 – 20	10.2	36.3	38.0	37.9	0.0	-0.4

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T5_0m	10 – 20	10.2	36.3	38.5	38.4	0.0	-0.2
Kettle Brook LNR_T5_10m	10 – 20	10.2	36.3	38.4	38.4	0.0	-0.1
Kettle Brook LNR_T5_20m	10 – 20	10.2	36.3	38.3	38.3	0.0	-0.1
Kettle Brook LNR_T5_30m	10 – 20	10.2	36.3	38.3	38.3	0.0	-0.1
Kettle Brook LNR_T5_40m	10 – 20	10.2	36.3	38.2	38.2	0.0	-0.1
Kettle Brook LNR_T5_50m	10 – 20	10.2	36.3	38.2	38.2	0.0	-0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T5_60m	10 – 20	10.2	36.3	38.1	38.1	0.0	-0.1
Kettle Brook LNR_T5_70m	10 – 20	10.2	36.3	38.1	38.1	0.0	-0.1
Kettle Brook LNR_T5_80m	10 – 20	10.2	36.3	38.1	38.1	0.0	-0.1
Kettle Brook LNR_T5_90m	10 – 20	10.2	36.3	38.1	38.1	0.0	-0.1
Kettle Brook LNR_T5_100m	10 – 20	10.2	36.3	38.0	38.0	0.0	-0.1
Kettle Brook LNR_T6_0m	10 – 20	11.6	36.3	40.1	40.0	0.0	-0.2

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T6_10m	10 – 20	11.6	36.3	39.4	39.4	0.0	-0.1
Kettle Brook LNR_T6_20m	10 – 20	11.6	36.3	39.1	39.1	0.0	-0.1
Kettle Brook LNR_T6_30m	10 – 20	11.6	36.3	38.9	38.9	0.0	-0.1
Kettle Brook LNR_T6_40m	10 – 20	11.6	36.3	38.7	38.7	0.0	-0.1
Kettle Brook LNR_T6_50m	10 – 20	11.6	36.3	38.6	38.6	0.0	-0.1
Kettle Brook LNR_T6_60m	10 – 20	11.6	36.3	38.5	38.5	0.0	-0.1

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T6_70m	10 – 20	11.6	36.3	38.5	38.5	0.0	-0.1
Kettle Brook LNR_T6_80m	10 – 20	11.6	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T6_90m	10 – 20	11.6	36.3	38.4	38.4	0.0	0.0
Kettle Brook LNR_T6_100m	10 – 20	11.6	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T6_110m	10 – 20	11.6	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T6_120m	10 – 20	11.6	36.3	38.3	38.3	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T6_130m	10 – 20	11.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T6_140m	10 – 20	11.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T6_150m	10 – 20	11.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T6_160m	10 – 20	11.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T6_170m	10 – 20	11.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T6_180m	10 – 20	11.6	36.3	38.2	38.2	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T6_190m	10 – 20	11.6	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T7_0m	10 – 20	10.2	36.3	39.4	39.4	0.0	-0.1
Kettle Brook LNR_T7_10m	10 – 20	10.2	36.3	38.9	38.9	0.0	-0.1
Kettle Brook LNR_T7_20m	10 – 20	10.2	36.3	38.7	38.7	0.0	-0.1
Kettle Brook LNR_T7_30m	10 – 20	10.2	36.3	38.5	38.5	0.0	0.0
Kettle Brook LNR_T7_40m	10 – 20	10.2	36.3	38.4	38.4	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T7_50m	10 – 20	10.2	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T7_60m	10 – 20	10.2	36.3	38.3	38.3	0.0	0.0
Kettle Brook LNR_T7_70m	10 – 20	10.2	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T7_80m	10 – 20	10.2	36.3	38.2	38.2	0.0	0.0
Kettle Brook LNR_T7_90m	10 – 20	10.2	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T7_100m	10 – 20	10.2	36.3	38.1	38.1	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T7_110m	10 – 20	10.2	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T7_120m	10 – 20	10.2	36.3	38.1	38.1	0.0	0.0
Kettle Brook LNR_T7_130m	10 – 20	10.2	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T7_140m	10 – 20	10.2	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T7_150m	10 – 20	10.2	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T7_160m	10 – 20	10.2	36.3	38.0	38.0	0.0	0.0

Ecological Receptor	Critical Load Range (kg N ha^{-1} kg^{-1})	NO_2 Defra Background 2030 ($\mu g.m^{-3}$)	Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Scenario 4: 2030 Without Development ($\mu g.m^{-3}$)	Scenario 5: 2030 With Development ($\mu g.m^{-3}$)	Change in Nitrogen Deposition (kg N ha^{-1} $year^{-1}$)	Percentage of Lower Critical Load
Kettle Brook LNR_T7_170m	10 – 20	10.2	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T7_180m	10 – 20	10.2	36.3	38.0	38.0	0.0	0.0
Kettle Brook LNR_T7_190m	10 – 20	10.2	36.3	37.9	37.9	0.0	0.0