Norwich Western Link



Environmental Statement – Chapter 10: Biodiversity Appendix 10.34:Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 1 of 5

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Norwich Western Link

Environmental Statement

Chapter 10: Biodiversity

Appendix 10.34: Air Quality Ecological Impact Assessment

Sub Appendix A: Figures and Background Information Part 1 of 5

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Contents

Figures

Figure A 1 Location of Designated Habitats and Areas of Ecological Importance scoped into the assessment
Figure A 2 Location of Veteran/Ancient Trees Scoped into The Assessment
Figure A 3 2029 Gridded N deposition (N-dep) Impacts as percentage of critical load 5
Figure A 4 2044 Gridded N deposition (N-dep) Impacts as percentage of critical load
Figure A 5 2029 Gridded NH3 Impacts as percentage of critical level7
Figure A 6 2044 Gridded NH3 Impacts as percentage of critical level
Figure A 7 2029 Transects N deposition Impacts as percentage of critical load9
Figure A 8 2044 Transect N deposition Impacts as percentage of critical load 31
Figure A 9 2029 Transect NH3 Impacts as percentage of critical level
Figure A 10 2044 Transect NH3 Impacts as percentage of critical level
Tables

Table A1 Critical Loads and Levels for full list of Sites obtained from APIS datab	ase
	97



Sub-Appendix A Figures and Background Information

Figure A 1 Location of Designated Habitats and Areas of Ecological Importance scoped into the assessment

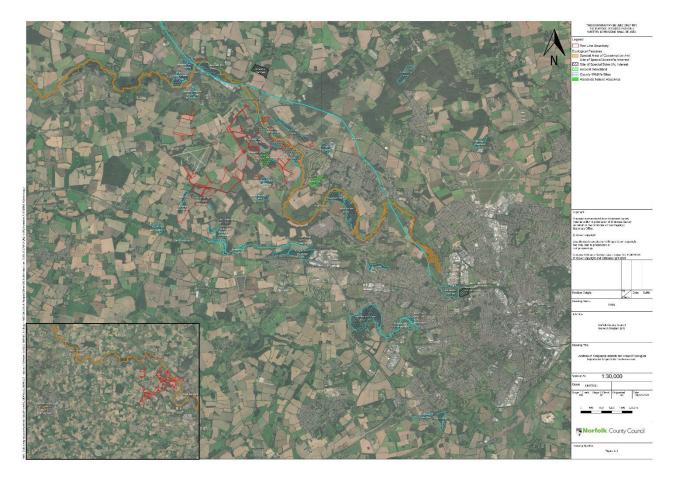




Figure A 2 Location of Veteran/Ancient Trees Scoped into The Assessment

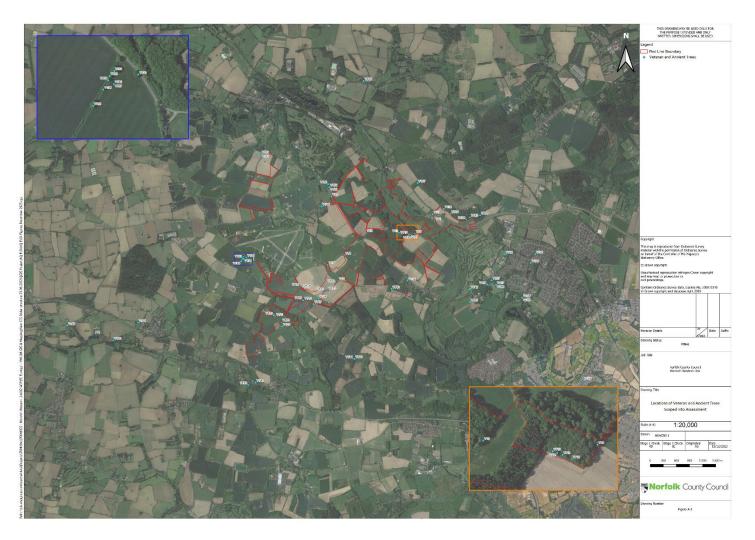
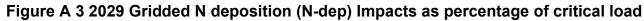




Figure A 3 and Figure A 4 show nitrogen deposition impacts as a percentage of critical load at gridded points across the designated sites for 2029 and 2044 respectively.



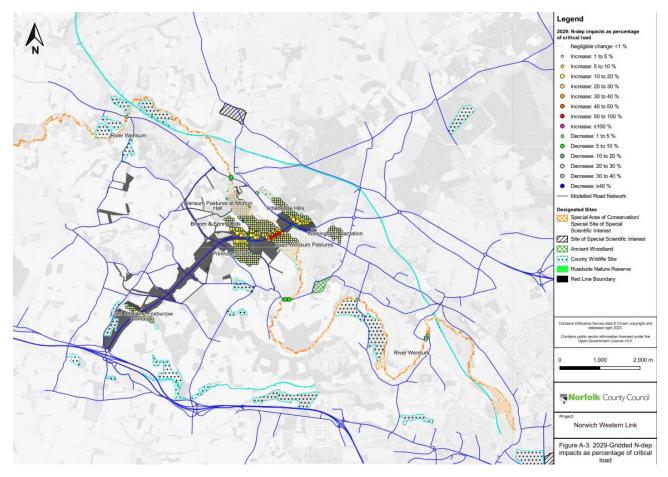




Figure A 4 2044 Gridded N deposition (N-dep) Impacts as percentage of critical load

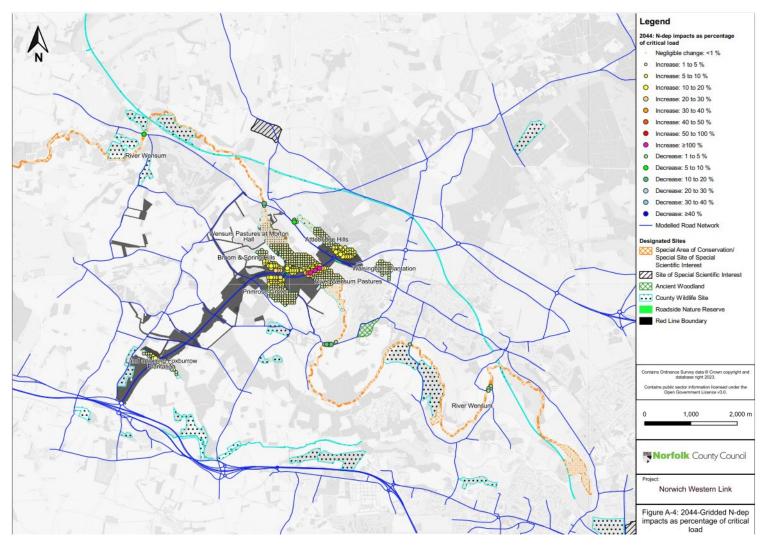




Figure A 5 and Figure A 6 show ammonia (NH3) impacts as a percentage of critical level at gridded points across the designated sites for 2029 and 2044 respectively.

Figure A 5 2029 Gridded NH3 Impacts as percentage of critical level

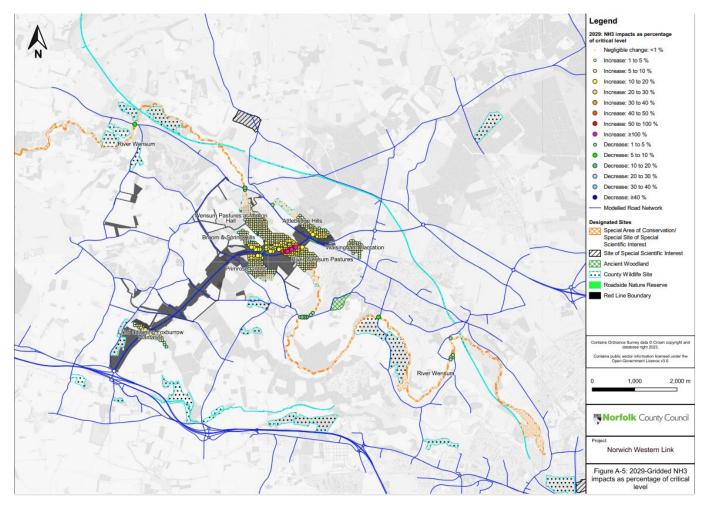




Figure A 6 2044 Gridded NH3 Impacts as percentage of critical level

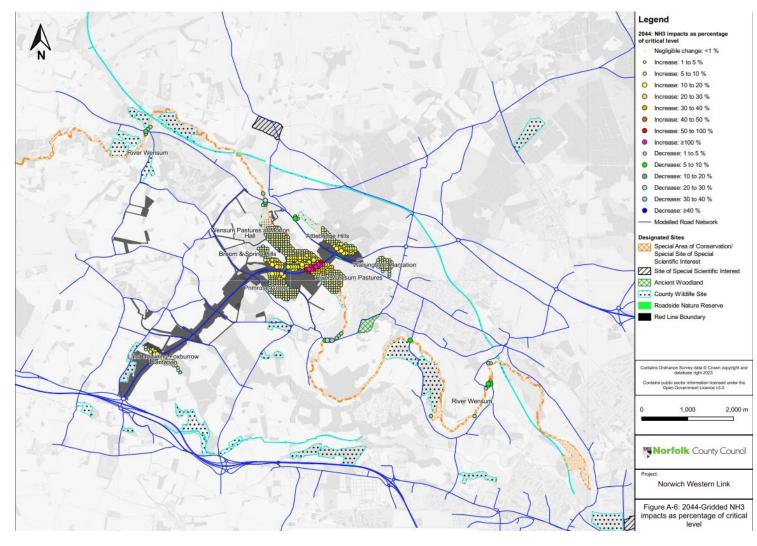
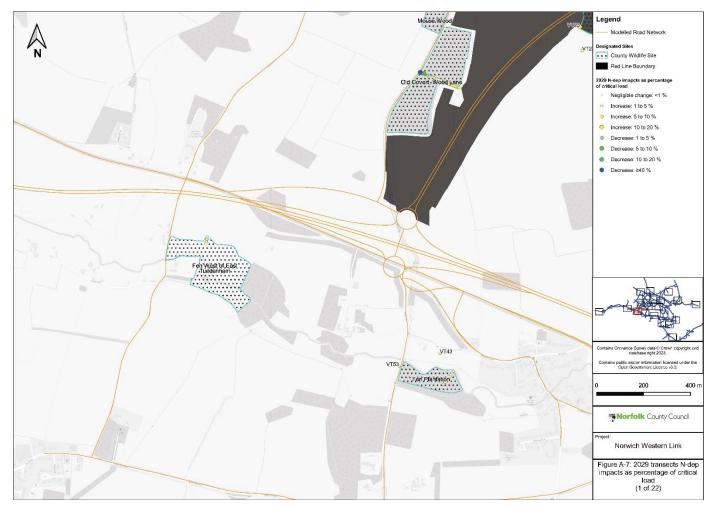
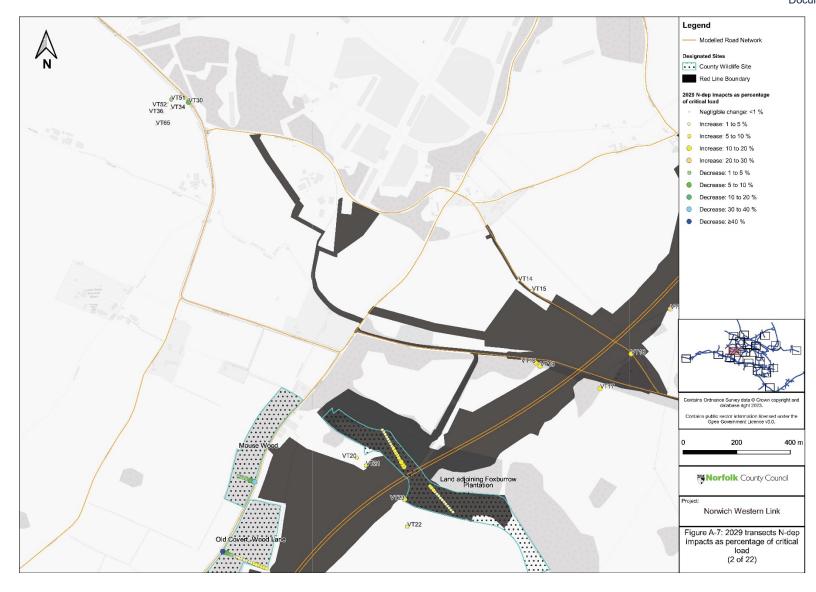




Figure A 7 2029 Transects N deposition Impacts as percentage of critical load

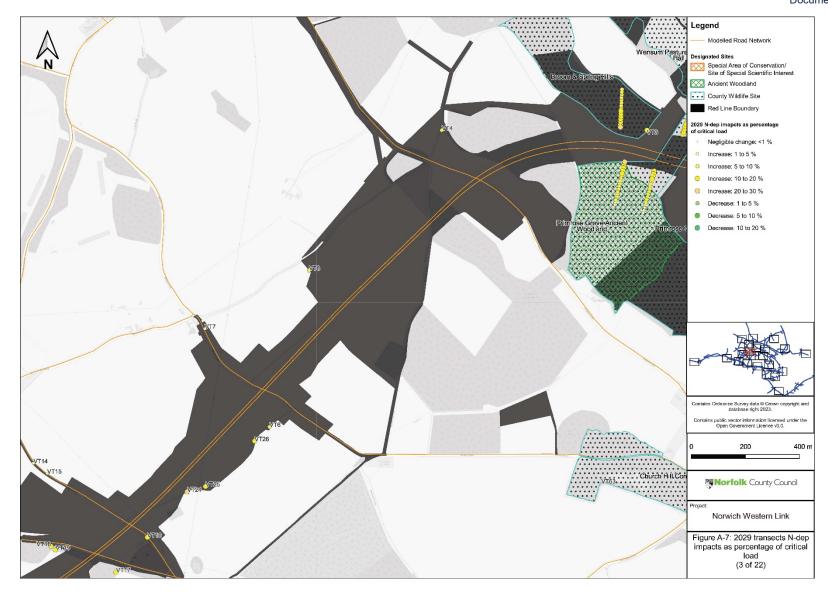


Environmental Statement – Chapter 10: Biodiversity Appendix 10.34:Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 10 f 5 Document Reference: 3.10.34a



10

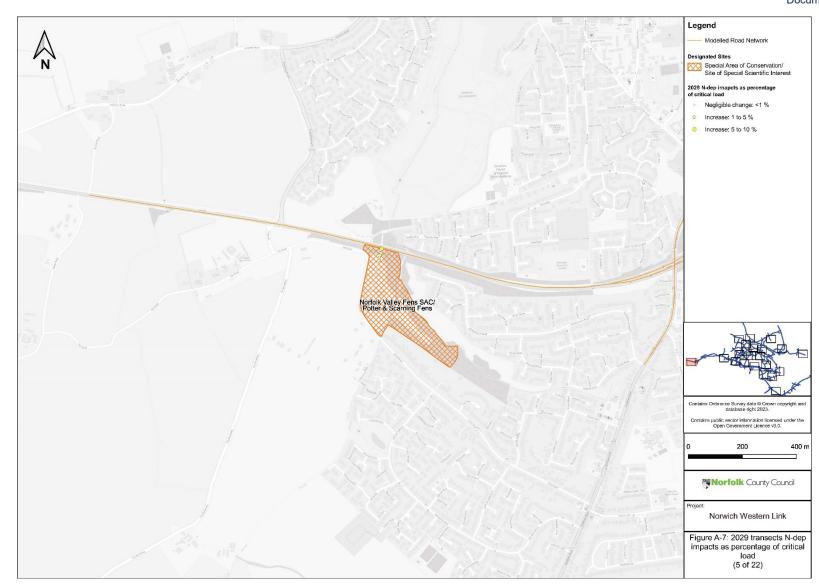
Environmental Statement – Chapter 10: Biodiversity Appendix 10.34:Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 1 of 5 Document Reference: 3.10.34a



Environmental Statement – Chapter 10: Biodiversity Appendix 10.34:Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 1 of 5 Document Reference: 3.10.34a



Environmental Statement – Chapter 10: Biodiversity Appendix 10.34:Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 1 of 5 Document Reference: 3.10.34a



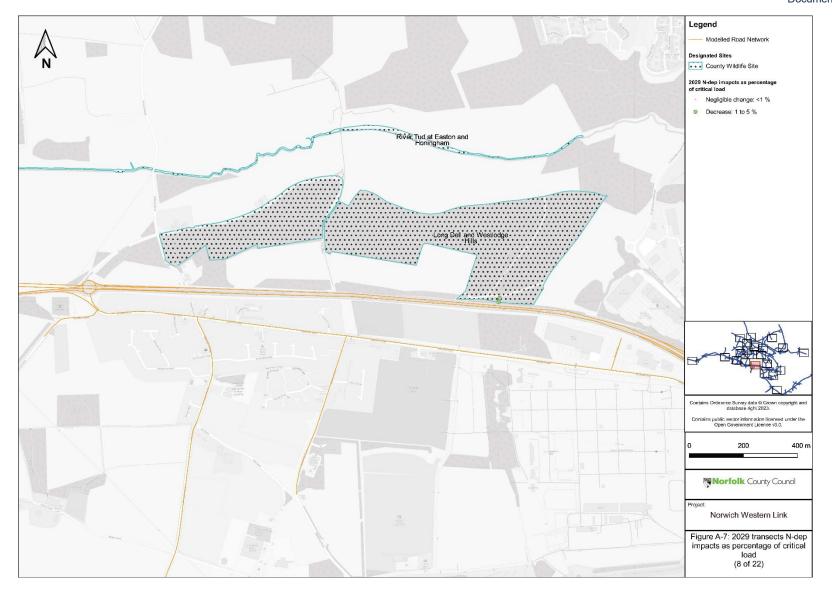
Environmental Statement – Chapter 10: Biodiversity Appendix 10.34:Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 1 of 5 Document Reference: 3.10.34a



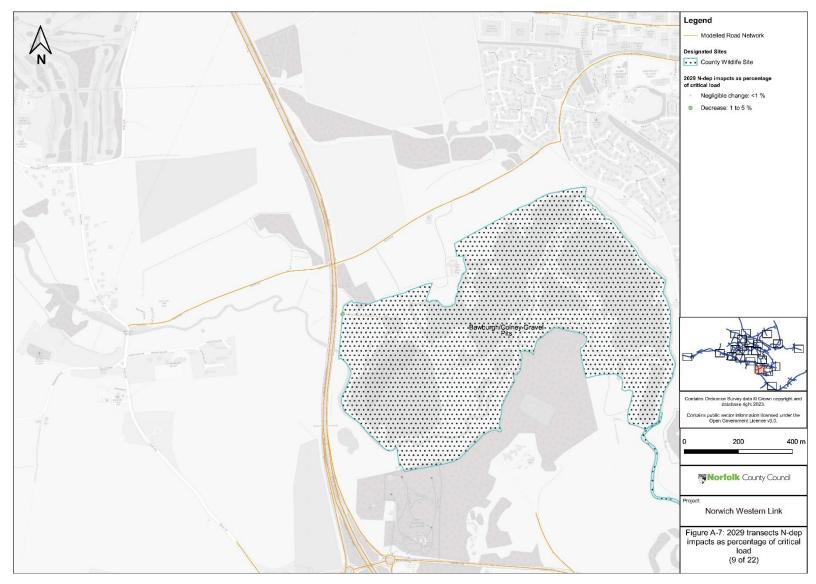
Environmental Statement – Chapter 10: Biodiversity Appendix 10.34:Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 1 of 5 Document Reference: 3.10.34a

Legend Modelled Road Network Designated Sites County Wildlife Site 2029 N-dep imapcts as percentage of critical load Negligible change: <1 % VT44_VT70 0 Increase: 1 to 5 % Increase: 5 to 10 % • Decrease: 1 to 5 % Decrease: 5 to 10 % Church Meadow, Alc Carr. Three Corne Thicket and Nursery River Tud at Easton and Honingham Contains Ordnance Survey data @ Crow database right 2023. Contains public sector information licensed under the Open Government Licence v3.0. 200 400 m Norfolk County Council Project Norwich Western Link Figure A-7: 2029 transects N-dep impacts as percentage of critical load (7 of 22)

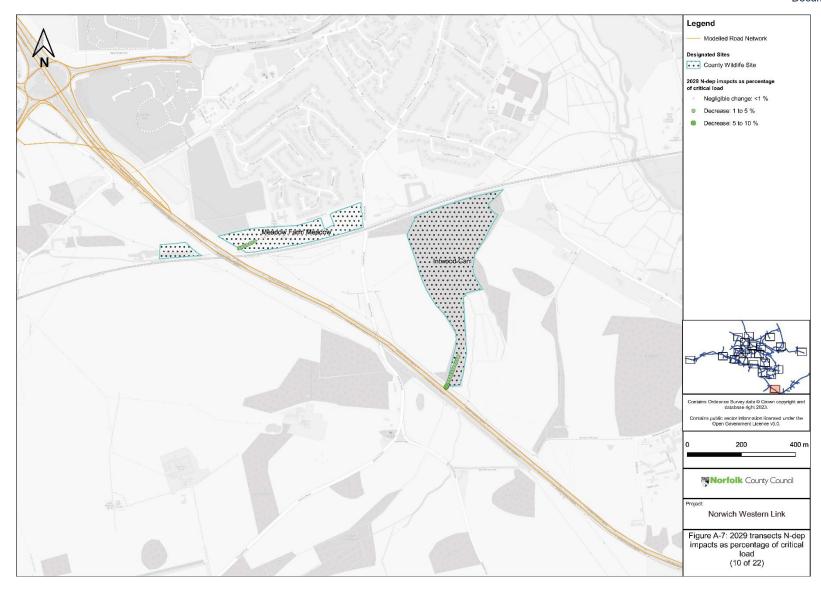
Environmental Statement – Chapter 10: Biodiversity Appendix 10.34:Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 1 of 5 Document Reference: 3.10.34a



Environmental Statement – Chapter 10: Biodiversity Appendix 10.34:Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 1 of 5 Document Reference: 3.10.34a







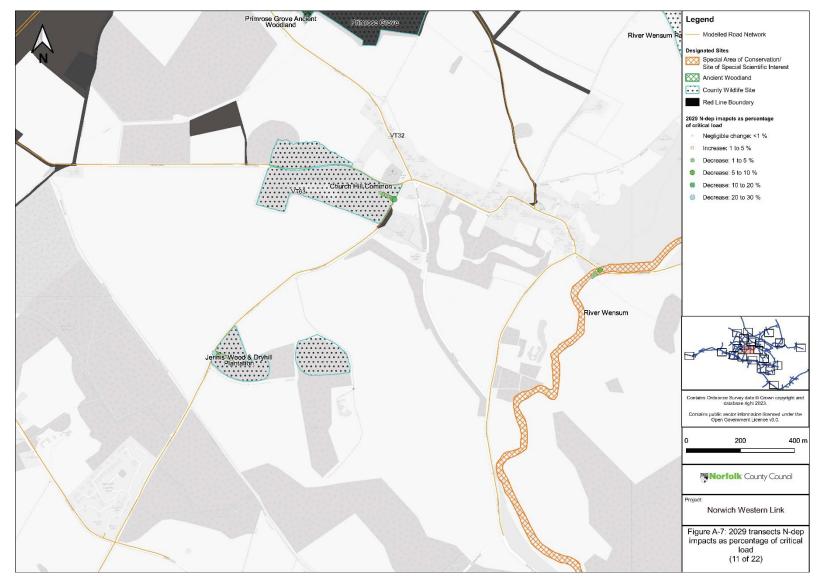
Norwich Western Link



Environmental Statement – Chapter 10: Biodiversity

Appendix 10.34: Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 1 of 5

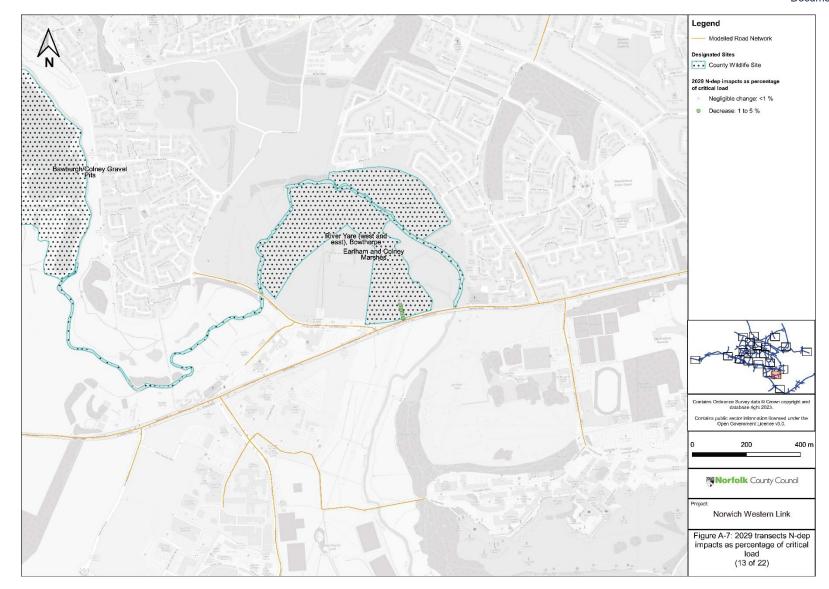
Document Reference: 3.10.34a



Environmental Statement – Chapter 10: Biodiversity Appendix 10.34:Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 1 of 5 Document Reference: 3.10.34a

.......... Legend Modelled Road Network Costessey Pits (East) \sim Designated Sites N Special Area of Conservation/ Site of Special Scientific Interest County Wildlife Site 2029 N-dep imapcts as percentage of critical load **River Wensum** Negligible change: <1 % . Decrease: 1 to 5 % Decrease: 5 to 10 % 0 Decrease: 10 to 20 % VT55 Decrease: 20 to 30 % + Contains Ordnance Survey data © Crov catabase right 2023. Contains public sector information licensed under the Open Government Licence v3.0. 200 400 m East Hills Norfolk County Council rojec Norwich Western Link Figure A-7: 2029 transects N-dep impacts as percentage of critical load (12 of 22)

Environmental Statement – Chapter 10: Biodiversity Appendix 10.34:Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 1 of 5 Document Reference: 3.10.34a



Environmental Statement – Chapter 10: Biodiversity Appendix 10.34:Air Quality Ecological Impact Assessment – Sub Appendix A: Figures and Background Information Part 1 of 5 Document Reference: 3.10.34a

VT28 Legend Modelled Road Network Designated Sites Special Area of Conservation/ Site of Special Scientific Interest Ancient Woodland County Wildlife Site 2029 N-dep imapcts as percentage of critical load Negligible change: <1 % Increase: 1 to 5 % 62 Decrease: 1 to 5 % 0 T54 VT37 Decrease: 5 to 10 % Snake Wood Decrease: 20 to 30 % VT48 VT42 Tâvethâm, Mill.*. **River Wensum** Contains Ordnance Survey data @ Crov database right 2023. and no. Contains public sector information licensed under the Open Government Licence v3.0. 200 400 m Norfolk County Council Costessey Pits (East) rojec Norwich Western Link Figure A-7: 2029 transects N-dep impacts as percentage of critical load (14 of 22) ······