Sheringham Shoal and Dudgeon Offshore Wind Farm Extension Projects

Environmental Statement

Volume 3

Appendix 22.5 - Air Quality Ecological Receptor Assessment Tables

August 2022
Document Reference: 6.3.22.5
APFP Regulation: 5(2)(a)

China Resources
Better Life Together

Masdar
A MUBADALA COMPANY

equinor

Title**:**	
Sheringham Shoal and Dudgeon Offshore Wind Farm Extension Projects Environmental Statement **Appendix 22.5: Air Quality – Ecological Receptor Assessment Tables**	
PINS Document no.: 6.3.22.5	
Document no.: C282-RH-Z-GA-00163	
Date:	Classification
August 2022	**Final**

Prepared by:	
Royal HaskoningDHV	
Approved by:	Date:
Sarah Chandler, Equinor	August 2022

Table of Contents

22.5 AIR QUALITY – ECOLOGICAL RECEPTOR ASSESSMENT TABLES 5

Table of Table

Table 22.5.1: Critical Level and Critical Load 1% Screening of Ecological Receptors – SEP or DEP in Isolation. Red Filled Cells Indicate an Exceedance of the AADT Flows Presented in Table 22.18 and Table 22.19 of Chapter 22 Air Quality, and Required Further Assessment of Feature/Site 7

Table 22.5.2: Critical Level and Critical Load 1% Screening of Ecological Receptors – SEP and DEP Concurrently. Red filled cells indicate an exceedance of the AADT flows presented in Table 22.18 and Table 22.19 of Chapter 22 Air Quality, and required for further assessment of feature/site 40

Table 22.5.3: SEP or DEP in Isolation – NOx, NH_3, N-dep and Acid Deposition Results.....75

Table 22.5.4: SEP or DEP in Isolation – NOx, NH_3, N-dep and Acid Deposition In-combination Results.....105

Table 22.5.5: SEP and DEP Concurrently – NOx, NH_3, N-dep and Acid Deposition Results.....134

Table 22.5.6 SEP and DEP Concurrently – NOx, NH_3, N-dep and Acid Deposition In-combination Results 164

Glossary of Acronyms

AADT	Annual Average Daily Traffic
DEP	Dudgeon Offshore Wind Farm Extension Project
DMT	Decision-making Threshold
HGV	Heavy Goods Vehicle
JNCC	Joint Nature Conservation Committee
N-dep	Nitrogen deposition
NOx	Nitrogen oxides
NH_3	Ammonia
SEP	Sheringham Shoal Offshore Wind Farm Extension Project
SSSI	Site of Special Scientific Interest

Glossary of Terms

Dudgeon Offshore Wind Farm Extension Project (DEP)	The Dudgeon Offshore Wind Farm Extension onshore and offshore sites including all onshore and offshore infrastructure.
Order Limits	The area subject to the application for development consent, including all permanent and temporary works for DEP and SEP.
Sheringham Shoal Offshore Wind Farm Extension Project (SEP)	The Sheringham Shoal Offshore Wind Farm Extension onshore and offshore sites including all onshore and offshore infrastructure
The Applicant	Equinor New Energy Limited.

22.5 AIR QUALITY – ECOLOGICAL RECEPTOR ASSESSMENT TABLES

22.5.1 Introduction

1. As detailed in **Section 22.4.3.3.6** of **Chapter 22 Air Quality**, recently published reports by the Joint Nature Conservation Committee (JNCC) (Chapman & Kite, 2021a and 2021b) have been used to quantify the impact of traffic emissions on ecological receptors in the Project area.

22.5.2 Stage 1: Screen Roads for a 0.15% Increase in Base (2019) AADT

2. The first stage of the ecological assessment was to screen road links affected by SEP and DEP Project-generated traffic for increases in Annual Average Daily Traffic (AADT) (inclusive of (a) Project-generated traffic, (b) in-combination 2019 to 2025 traffic growth and (c) cumulative project traffic) greater than the Decision-making Threshold (DMT) 0.15% of existing 2019 AADT flows. This resulted in the screening in of all road links considered in the assessment. Subsequently, a search of ecological receptors within 200m of these road links was then undertaken. Traffic data used in the assessment is provided in **Appendix 22.2 Traffic Data used in the Air Quality Assessment**.

22.5.3 Stage 2: Screen for AADT flows in Exceedance of 1% Change in Critical Level or Load at Distance from Road Edge

3. The next stage of the ecological assessment was to apply a road-relevant approach based on the distance between the affected road and the nearest boundary of a designated site. The thresholds required to trigger an exceedance of 1% of the Critical Level for nitrogen oxides (NOx) and ammonia (NH_3) and Critical Load for nitrogen deposition (N-dep) at different distances from a road edge are presented in **Table 22.18** and **Table 22.19** of **Chapter 22 Air Quality** and have been taken from the JNCC reports (Chapman & Kite, 2021b). This table does not allow for changes to the make-up of the vehicle fleet beyond 2019 for NOx and beyond 2015 for NH_3.
4. An increase in Critical Load of less than 1% is typically considered to be insignificant, as a change of this magnitude is likely to be within the natural range of fluctuations in deposition and is unlikely to be perceptible. The 1% threshold of insignificance is referenced in Natural England (2018), IAQM (2020) and Chapman & Kite (2021a, 2021b). The exceedance of a threshold is not decisive in and of itself, nor does it suggest that damage is likely to occur (in the case of Sites of Special Scientific Interest (SSSIs)) or that it will not be possible to avoid adverse effects to site integrity (in the case of European sites) (Chapman & Kite, 2021a).

5. The distances between ecological receptor boundaries and the affected road network was therefore taken into consideration in the next stage of ecological receptor screening. AADT flows (inclusive of (a) project-generated traffic, (b) in-combination of 2019 to 2025 traffic growth and (c) cumulative projects traffic) were compared to the those in **Table 22.18** and **Table 22.19** of **Chapter 22 Air Quality**, and ecological receptors were brought forward into the next stage of the ecological assessment if they exceeded the AADT representative of a 1% increase in the Critical Level or Load for the relevant habitat present in designated site. If AADT were lower than those in **Table 22.18** and **Table 22.19** of **Chapter 22 Air Quality**, it was considered reasonable to assert that there is no credible evidence that the effects would ever be such to lead to a 1% increase in Critical Load or Level, despite the fact that the DMT (i.e. 0.15% of base (2019) AADT) is exceeded.

6. **Table 22.5.1** and

7. **Table** 22.5.2 detail the road distance screening for SEP or DEP in isolation and SEP and DEP concurrently, respectively, and also identify which sites were brought forward for further consideration in the ecological assessment.

Table 22.5.1: Critical Level and Critical Load 1% Screening of Ecological Receptors – SEP or DEP in Isolation. Red Filled Cells Indicate an Exceedance of the AADT Flows Presented in Table 22.18 and Table 22.19 of Chapter 22 Air Quality, and Required Further Assessment of Feature/Site

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
4	Ancient woodland	Bullfer Grove	155	Broadleaved (MAGIC)	Yes	1,862	2,410	2,327	6,980	-	1,108	1,661	2,215	Yes
	Ancient woodland	Pereers Wood	20	Broadleaved (MAGIC)	Yes	1,862	413	568	1,704	-	333	499	666	Yes
10	SSSI	Kelling Heath	0*	*Calluna Vulgaris - Ulex Gallii* Heath	No	322	120	91	274	-	118	177	236	Yes
11	SSSI	Weybourne Town Pit**	0	N/A										No
	Ancient woodland	Oak Wood	0.5	Broadleaved (MAGIC)	Yes	778	120	91	274	-	71	106	142	Yes
	Ancient woodland	Unnamed (ID 1)	0	Broadleaved (MAGIC)	Yes	2,654	120	91	274	-	71	106	142	Yes
13	SSSI	Fe brigg Wood	0	*Fagus Sylvatica - Deschampsia Flexuosa* Woodland	Yes	2,654	120	91	274	-	71	106	142	Yes
			0	Combinations of species - lichens	Yes	2,654	120	91	-	-	-	-	-	Yes
			0	Invertebrate assemblage	Yes	2,654	120	91	-	-	-	-	-	Yes
	Ancient woodland	Great Wood	5	Broadleaved (MAGIC)	Yes	2,654	171	259	776	-	171	257	343	Yes
			37	Conifer (MAGIC)	Yes	2,654	732	938	2,814	255	511	766	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
14	SSSI	Fe brigg Wood	0	*Fagus Sylvatica - Deschampsia Flexuosa* Woodland	Yes	1,892	120	91	274	-	71	106	142	Yes
20	SSSI	Ant Broads and Marshes	113	Alnus glutinosa - Carex paniculata Woodland	Yes	1,374	1,620	1,791	5,372	-	887	1,330	1,773	Yes
				Alnus glutinosa - Urtica dioica Woodland	Yes	1,374	1,620	1,791	5,372	-	887	1,330	1,773	Yes
				Carex Rostrata - Calliergon Cuspidatum/giganteum (Calliergonella Cuspidata/calliergon Giganteum) Mire	No	1,374	1,620	1,791	-	-	1,561	2,341	-	No
				Carex Rostrata - Potentilla Palustris Swamp	No	1,374	1,620	1,791	5,372	-	1,561	2,341	-	No
				Carex Rostrata - Sphagnum Squarrosum Mire	No	1,374	1,620	1,791	-	-	1,561	2,341	-	No
				Cladium Mariscus Swamp And Sedge-Beds	No	1,374	1,620	1,791	5,372	-	1,561	2,341	3,121	No
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	No	1,374	1,620	1,791	5,372	-	-	2,341	3,121	No
				Phragmites Australis - Peucedanum Palustris Tall-Herb Fen	No	1,374	1,620	1,791	5,372	-	-	2,341	3,121	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Salix Cinerea - Betula Pubescens - Phragmites Australis Woodland	Yes	1,374	1,620	1,791	5,372	-	887	1,330	1,773	Yes
				Liparis loeselii	No	1,374	1,620	1,791	5,372	-	1,561	2,341	3,121	No
				Liparis loeselii	No	1,374	1,620	1,791	5,372	-	1,561	2,341	3,121	No
				Vascular plant assemblage	No	1,374	1,620	-	5,372	-	-	-	-	No
				Vascular plant assemblage	No	1,374	1,620	-	5,372	-	-	-	-	No
	SAC	The Broads	113	Alkaline fens	No	1,374	1,620	1,791	-	-	-	2,341	3,121	No
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	1,374	1,620	1,791	-	-	-	-	-	No
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	1,374	1,620	1,791	5,372	-	-	2,341	3,121	No
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	No	1,374	1,620	1,791	5,372	-	-	-	-	No
				Molinia meadows on calcareous, peaty or	No	1,374	1,620	1,791	5,372	-	-	2,341	3,121	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				clayey-silt-laden soils (Molinion caeruleae)										
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	No	1,374	1,620	1,791	5,372	-	-	-	-	No
				Transition mires and quaking bogs	No	1,374	1,620	1,791	-	-	1,561	2,341	-	No
				Liparis loeselii	No	1,374	1,620	-	5,372	-	1,561	2,341	3,121	No
				Anisus vorticulus	No	1,374	1,620	-	5,372	-	-	-	-	No
				Lutra lutra	No	1,374	1,620	-	5,372	-	-	-	-	No
				Vertigo moulinsiana	No	1,374	1,620	-	5,372	-	-	-	-	No
	SPA	Broadland	113	Anas clypeata (North-western/Central Europe)	No	1,374	1,620	-	5,372	-	-	-	-	No
				Anas penelope (Western S beria/North-western/North-eastern Europe)	No	1,374	1,620	-	5,372	-	-	-	-	No
				Anas penelope (Western S beria/North-western/North-eastern Europe)	No	1,374	1,620	-	5,372	-	-	-	3,121	No
				Anas strepera (North-western Europe)	No	1,374	1,620	-	5,372	-	-	-	-	No
				Botaurus stellaris (Europe - breeding)	No	1,374	1,620	-	5,372	-	-	2,341	3,121	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
							NOx	NH_3		N-dep				
	Site Type	Name					30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Circus aeruginosus	No	1,374	1,620	-	5,372	-	-	2,341	3,121	No
				Circus cyaneus	No	1,374	1,620	-	5,372	-	1,561	2,341	3,121	No
				Circus cyaneus	No	1,374	1,620	-	5,372	-	-	2,341	3,121	No
				Circus cyaneus	No	1,374	1,620	-	5,372	-	-	-	3,121	No
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	1,374	1,620	-	-	-	-	-	-	No
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	1,374	1,620	-	-	-	-	-	-	No
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	1,374	1,620	-	5,372	-	-	-	-	No
				Cygnus cygnus (Iceland/UK/Ireland)	No	1,374	1,620	-	5,372	-	-	-	-	No
				Cygnus cygnus (Iceland/UK/Ireland)	No	1,374	1,620	-	-	-	-	-	-	No
				Philomachus pugnax (Western Africa - wintering)	No	1,374	1,620	-	5,372	-	-	-	3,121	No
				Philomachus pugnax (Western Africa - wintering)	No	1,374	1,620	-	5,372	-	-	-	3,121	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Philomachus pugnax (Western Africa - wintering)	No	1,374	1,620	-	5,372	-	-	-	3,121	No
	Ramsar	Broadland	113	N/A										No
21	SSSI	Trinity Broads	0	Alnus glutinosa - Carex paniculata Woodland	Yes	1,565	120	91	274	-	71	106	142	Yes
				Cladium Mariscus Swamp And Sedge-Beds	No	1,565	120	91	274	-	-	177	236	Yes
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	1,565	120	91	274	-	-	177	236	Yes
				Phragmites Australis - Peucedanum Palustris Tall-Herb Fen	No	1,565	120	91	274	-	-	177	236	Yes
				Salix Cinerea - Betula Pubescens - Phragmites Australis Woodland	Yes	1,565	120	91	274	-	71	106	142	Yes
				Vascular plant assemblage	No	1,565	120	-	274	-	-	-	-	Yes
				Vascular plant assemblage	No	1,565	120	-	274	-	-	-	-	Yes
				Anas clypeata	No	1,565	120	-	-	-	-	-	-	Yes
				Aythya ferina	No	1,565	120	-	274	-	-	-	-	Yes
				Aythya ferina	No	1,565	120	-	274	-	-	-	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Aythya fuligula	No	1,565	120	-	274	-	-	-	-	Yes
				Aythya fuligula	No	1,565	120	-	274	-	-	-	236	Yes
				Botaurus stellaris	No	1,565	120	-	274	-	-	177	236	Yes
				Circus aeruginosus	No	1,565	120	-	274	-	-	177	236	Yes
				Invertebrate assemblage	No	1,565	120	-	274	-	-	-	-	Yes
				Lowland open waters and their margins	No	1,565	120	-	-	-	-	-	-	Yes
				Lutra lutra	No	1,565	120	-	274	-	-	-	-	Yes
	SAC	The Broads	0	Alkaline fens	No	1,565	120	91	-	-	-	177	236	Yes
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	1,565	120	91	-	-	-	-	-	Yes
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	1,565	120	91	274	-	-	177	236	Yes
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	No	1,565	120	91	274	-	-	-	-	Yes
				Molinia meadows on calcareous, peaty or	No	1,565	120	91	274	-	-	177	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				clayey-silt-laden soils (Molinion caeruleae)										
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	No	1,565	120	91	274	-	-	-	-	Yes
				Transition mires and quaking bogs	No	1,565	120	91	-	-	118	177	-	Yes
				Liparis loeselii	No	1,565	120	-	274	-	118	177	236	Yes
				Anisus vorticulus	No	1,565	120	-	274	-	-	-	-	Yes
				Lutra lutra	No	1,565	120	-	274	-	-	-	-	Yes
				Vertigo moulinsiana	No	1,565	120	-	274	-	-	-	-	Yes
23	SPA	Outer Thames Estuary	6***	N/A***										No
24	SPA	Outer Thames Estuary	0***	N/A***										No
25	SSSI	Breydon Water	1	Zostera Communities	No	4,694	120	91	274	-	-	-	-	Yes
				Vascular plant assemblage	No	4,694	120	-	274	-	-	-	-	Yes
				Vascular plant assemblage	No	4,694	120	-	274	-	-	-	-	Yes
				Anas penelope	No	4,694	120	-	274	-	-	-	-	Yes
				Anas penelope	No	4,694	120	-	274	-	-	-	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Cygnus columbianus bewickii	No	4,694	120	-	-	-	-	-	-	Yes
				Tadorna tadorna	No	4,694	120	-	274	-	-	-	236	Yes
	SPA	Breydon Water	1	Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	4,694	-	-	-	-	-	-	-	No
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	4,694	-	-	-	-	-	-	-	No
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	4,694	120	-	-	-	-	-	-	Yes
				Philomachus pugnax (Western Africa - wintering)	No	4,694	120	-	274	-	-	-	236	Yes
				Philomachus pugnax (Western Africa - wintering)	No	4,694	120	-	274	-	-	-	236	Yes
				Pluvialis apricaria [North-western Europe]	No	4,694	120	-	274	-	-	-	236	Yes
				Pluvialis apricaria [North-western Europe]	No	4,694	120	-	274	-	-	-	236	Yes
				Pluvialis apricaria [North-western Europe]	No	4,694	-	-	-	-	-	-	-	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Pluvialis apricaria [North-western Europe]	No	4,694	120	-	274	-	-	-	236	Yes
				Recurvirostra avosetta (Western Europe/Western Mediterranean - breeding)	No	4,694	120	-	274	-	-	-	236	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	4,694	120	-	274	-	-	-	-	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	4,694	120	-	274	-	118	177	-	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	4,694	120	-	274	59	118	-	-	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	4,694	120	-	274	-	118	177	236	Yes
				Vanellus vanellus (Europe - breeding)	No	4,694	120	-	274	-	-	-	236	Yes
				Vanellus vanellus (Europe - breeding)	No	4,694	-	-	-	-	-	-	-	No
	Ramsar	Breydon Water	1	N/A										No
	LNR	Breydon Water	1	-	No	4,694	120	-	274	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
	SPA	Outer Thames Estuary	0***	N/A***										No
28	Ancient woodland	Foxburrow Wood	1	Broadleaved (MAGIC)	Yes	1,877	120	91	274	-	71	106	142	Yes
30	Ancient woodland	Raveningham Covert	0	Broadleaved (MAGIC)	Yes	2,844	120	91	274	-	71	106	142	Yes
	Ancient woodland	Blacks Grove	165	Broadleaved (MAGIC)	Yes	2,844	2,410	2,327	6,980	-	1,108	1,661	2,215	Yes
	SSSI	Barnby Broad & Marshes	48	Glyceria Maxima Swamp	No	2,844	917	1,145	3,434	-	-	-	-	Yes
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	2,844	917	1,145	3,434	-	-	1,587	2,116	Yes
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	No	2,844	917	1,145	3,434	-	-	1,587	2,116	Yes
				Vascular plant assemblage	No	2,844	917	-	3,434	-	-	-	-	Yes
				Vascular plant assemblage	No	2,844	917	-	3,434	-	-	-	-	Yes
				Variety of breeding bird species (70)	No	2,844	-	-	-	-	-	-	-	No
	SAC	The Broads	48	Alkaline fens	No	2,844	917	1,145	-	-	-	1,587	2,116	Yes
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion	No	2,844	917	1,145	-	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				incanae, Salicion albae)										
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	2,844	917	1,145	3,434	-	-	1,587	2,116	Yes
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	No	2,844	917	1,145	3,434	-	-	-	-	Yes
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	2,844	917	1,145	3,434	-	-	1,587	2,116	Yes
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	No	2,844	917	1,145	3,434	-	-	-	-	Yes
				Transition mires and quaking bogs	No	2,844	917	1,145	-	-	1,058	1,587	-	Yes
				Liparis loeselii	No	2,844	917	-	3,434	-	1,058	1,587	2,116	Yes
				Anisus vorticulus	No	2,844	917	-	3,434	-	-	-	-	Yes
				Lutra lutra	No	2,844	917	-	3,434	-	-	-	-	Yes
				Vertigo moulinsiana	No	2,844	917	-	3,434	-	-	-	-	Yes
	SPA	Broadland	48	Anas clypeata (North-western/Central Europe)	No	2,844	917	-	3,434	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Anas penelope (Western S beria/North-western/North-eastern Europe)	No	2,844	917	-	3,434	-	-	-	-	Yes
				Anas penelope (Western S beria/North-western/North-eastern Europe)	No	2,844	917	-	3,434	-	-	-	2,116	Yes
				Anas strepera (North-western Europe)	No	2,844	917	-	3,434	-	-	-	-	Yes
				Botaurus stellaris (Europe - breeding)	No	2,844	917	-	3,434	-	-	1,587	2,116	Yes
				Circus aeruginosus	No	2,844	917	-	3,434	-	-	1,587	2,116	Yes
				Circus cyaneus	No	2,844	917	-	3,434	-	1,058	1,587	2,116	Yes
				Circus cyaneus	No	2,844	917	-	3,434	-	-	1,587	2,116	Yes
				Circus cyaneus	No	2,844	917	-	3,434	-	-	-	2,116	Yes
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	2,844	917	-	-	-	-	-	-	Yes
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	2,844	917	-	-	-	-	-	-	Yes
				Cygnus columbianus bewickii (Western	No	2,844	917	-	3,434	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Siberia/North-eastern & North-western Europe)										
				Cygnus cygnus (Iceland/UK/Ireland)	No	2,844	917	-	3,434	-	-	-	-	Yes
				Cygnus cygnus (Iceland/UK/Ireland)	No	2,844	917	-	-	-	-	-	-	Yes
				Philomachus pugnax (Western Africa - wintering)	No	2,844	917	-	3,434	-	-	-	2,116	Yes
				Philomachus pugnax (Western Africa - wintering)	No	2,844	917	-	3,434	-	-	-	2,116	Yes
				Philomachus pugnax (Western Africa - wintering)	No	2,844	917	-	3,434	-	-	-	2,116	Yes
	Ramsar	Broadland	48	N/A										No
31	LNR	Whitlingham	25	-	Yes	6,600	547	-	2,194	-	-	-	-	Yes
	LNR	Whitlingham	1	-	Yes	6,600	120	-	274	-	-	-	-	Yes
	LNR	Whitlingham Marsh, Whitlingham	0	-	No	6,600	120	-	274	-	-	-	-	Yes
34	SSSI	Damgate Marshes, Acle	0	Vascular plant assemblage - Vascular Plant Assemblage	No	3,304	120	-	274	-	-	-	-	Yes
	SAC	The Broads	0	Alkaline fens	No	3,304	120	91	-	-	-	177	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
							NOx	NH_3		N-dep				
	Site Type	Name					30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	3,304	120	91	-	-	-	-	-	Yes
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	3,304	120	91	274	-	-	177	236	Yes
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	No	3,304	120	91	274	-	-	-	-	Yes
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	3,304	120	91	274	-	-	177	236	Yes
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	No	3,304	120	91	274	-	-	-	-	Yes
				Transition mires and quaking bogs	No	3,304	120	91	-	-	118	177	-	Yes
				Liparis loeselii	No	3,304	120	-	274	-	118	177	236	Yes
				Anisus vorticulus	No	3,304	120	-	274	-	-	-	-	Yes
				Lutra lutra	No	3,304	120	-	274	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Vertigo moulinsiana	No	3,304	120	-	274	-	-	-	-	Yes
	Ramsar	Broadland	0	N/A										No
	SPA	Outer Thames Estuary	80***	N/A***										No
	SSSI	Breydon Water	35	Zostera Communities	No	3,304	732	938	2,814	-	-	-	-	Yes
				Vascular plant assemblage	No	3,304	732	-	2,814	-	-	-	-	Yes
				Vascular plant assemblage	No	3,304	732	-	2,814	-	-	-	-	Yes
				Anas penelope	No	3,304	732	-	2,814	-	-	-	-	Yes
				Anas penelope	No	3,304	732	-	2,814	-	-	-	1,775	Yes
				Cygnus columbianus bewickii	No	3,304	732	-	-	-	-	-	-	Yes
				Tadorna tadorna	No	3,304	732	-	2,814	-	-	-	1,775	Yes
	SPA	Breydon Water	35	Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	3,304	-	-	-	-	-	-	-	No
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	3,304	-	-	-	-	-	-	-	No
				Cygnus columbianus bewickii (Western	No	3,304	732	-	-	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Siberia/North-eastern & North-western Europe)										
				Philomachus pugnax (Western Africa - wintering)	No	3,304	732	-	2,814	-	-	-	1,775	Yes
				Philomachus pugnax (Western Africa - wintering)	No	3,304	732	-	2,814	-	-	-	1,775	Yes
				Pluvialis apricaria [North-western Europe]	No	3,304	732	-	2,814	-	-	-	1,775	Yes
				Pluvialis apricaria [North-western Europe]	No	3,304	732	-	2,814	-	-	-	1,775	Yes
				Pluvialis apricaria [North-western Europe]	No	3,304	-	-	-	-	-	-	-	No
				Pluvialis apricaria [North-western Europe]	No	3,304	732	-	2,814	-	-	-	1,775	Yes
				Recurvirostra avosetta (Western Europe/Western Mediterranean - breeding)	No	3,304	732	-	2,814	-	-	-	1,775	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	3,304	732	-	2,814	-	-	-	-	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	3,304	732	-	2,814	-	888	1,332	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	3,304	732	-	2,814	444	888	-	-	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	3,304	732	-	2,814	-	888	1,332	1,775	Yes
				Vanellus vanellus (Europe - breeding)	No	3,304	732	-	2,814	-	-	-	1,775	Yes
				Vanellus vanellus (Europe - breeding)	No	3,304	-	-	-	-	-	-	-	No
	Ramsar	Breydon Water	40	N/A										No
	LNR	Breydon Water	40	-	No	3,304	732	-	2,814	-	-	-	-	Yes
35	Ancient woodland	Unnamed (ID 2)	105	Unknown, assumed conifer as worst case	Yes	3,881	1,620	1,791	5,372	443	887	1,330	-	Yes
39	SSSI	Smal burgh Fen	197****	N/A****										
	SAC	The Broads	197****	N/A****										
	SPA	Broadland	197****	N/A****										
	Ramsar	Broadland	197****	N/A****										
40	Ancient woodland	Unnamed (ID 3)	17	Broadleaved (MAGIC)	Yes	3,899	413	568	1,704	-	333	499	666	Yes
	Ancient woodland	Sprowston Wood	75	Conifer (MAGIC)	Yes	3,899	1,269	1,468	4,403	373	747	1,120	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
43	Ancient woodland	Unnamed (ID 4)	160	Broadleaved (MAGIC)	Yes	2,178	2,410	2,327	6,980	-	1,108	1,661	2,215	Yes
49	SSSI	Buxton Heath	50	Calluna Vulgaris - Ulex Gallii Heath	No	1,719	917	1,145	3,434	-	1,058	1,587	2,116	Yes
				Erica Tetralix - Sphagnum Compactum Wet Heath	No	1,719	917	1,145	-	-	1,058	1,587	2,116	Yes
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	1,719	917	1,145	3,434	-	-	1,587	2,116	Yes
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	No	1,719	917	1,145	3,434	-	-	1,587	2,116	Yes
				Schoenus Nigricans - Juncus Subnodulosus Mire	No	1,719	917	1,145	-	-	-	1,587	2,116	Yes
				Invertebrate assemblage	No	1,719	917	-	3,434	-	-	-	-	Yes
				Plebejus argus	No	1,719	917	-	-	-	-	-	-	Yes
	SAC	Norfolk Valley Fens	50	Alkaline fens	No	1,719	917	1,145	-	-	-	1,587	2,116	Yes
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	Yes	1,719	917	1,145	-	-	-	-	-	Yes
				Calcareous fens with Cladium mariscus and	No	1,719	917	1,145	3,434	-	-	1,587	2,116	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				species of the Caricion davallianae										
				European dry heaths	No	1,719	917	1,145	-	-	1,058	1,587	2,116	Yes
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	1,719	917	1,145	3,434	-	-	1,587	2,116	Yes
				Northern Atlantic wet heaths with Erica tetralix	No	1,719	917	1,145	-	-	1,058	1,587	2,116	Yes
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	No	1,719	917	1,145	-	-	-	1,587	2,116	Yes
				Vertigo angustior	No	1,719	917	-	3,434	-	-	-	2,116	Yes
				Vertigo angustior	No	1,719	917	-	3,434	529	1,058	-	-	Yes
				Vertigo moulinsiana	No	1,719	917	-	3,434	-	-	-	-	Yes
	Ancient woodland	Great Wood	160	Conifer (MAGIC)	Yes	1,719	2,410	2,327	6,980	554	1,108	1,661	-	Yes
50	Ancient woodland	Unnamed (ID 5)	8	Broadleaved (MAGIC)	Yes	85	225	332	995	-	211	317	423	No
	SSSI	Cawston and Marsham Heaths	0	Calluna Vulgaris - Ulex Gallii Heath	No	85	120	91	274	-	118	177	236	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
51	SSSI	Cawston and Marsham Heaths	90	Calluna Vulgaris - Ulex Gallii Heath	No	1,840	1,269	1,468	4,403	-	1,310	1,964	2,619	Yes
59	SSSI	Holt Lowes	0	Calluna Vulgaris - Ulex Gallii Heath	No	1,183	120	91	274	-	118	177	236	Yes
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	1,183	120	91	274	-	-	177	236	Yes
				Schoenus Nigricans - Juncus Subnodulosus Mire	No	1,183	120	91	-	-	-	177	236	Yes
				Schoenus Nigricans - Narthecium Ossifragum Mire	No	1,183	120	91	-	-	118	177	-	Yes
				Invertebrate assemblage	No	1,183	120	-	274	-	-	-	-	Yes
	SAC	Norfolk Valley Fens	0	Alkaline fens	No	1,183	120	91	-	-	-	177	236	Yes
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	1,183	120	91	-	-	-	-	-	Yes
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	1,183	120	91	274	-	-	177	236	Yes
				European dry heaths	No	1,183	120	91	-	-	118	177	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	1,183	120	91	274	-	-	177	236	Yes
				Northern Atlantic wet heaths with Erica tetralix	No	1,183	120	91	-	-	118	177	236	Yes
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	No	1,183	120	91	-	-	-	177	236	Yes
				Vertigo angustior	No	1,183	120	-	274	-	-	-	236	Yes
				Vertigo angustior	No	1,183	120	-	274	59	118	-	-	Yes
				Vertigo moulinsiana	No	1,183	120	-	274	-	-	-	-	Yes
60	SSSI	Holt Lowes	140	Calluna Vulgaris - Ulex Gallii Heath	No	449	2,015	2,059	6,176	-	1,760	2,640	3,520	No
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	449	2,015	2,059	6,176	-	-	2,640	3,520	No
				Schoenus Nigricans - Juncus Subnodulosus Mire	No	449	2,015	2,059	-	-	-	2,640	3,520	No
				Schoenus Nigricans - Narthecium Ossifragum Mire	No	449	2,015	2,059	-	-	1,760	2,640	-	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Invertebrate assemblage	No	449	2,015	-	6,176	-	-	-	-	No
	SAC	Norfolk Valley Fens	140	Alkaline fens	No	449	2,015	2,059	-	-	-	2,640	3,520	No
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	449	2,015	2,059	-	-	-	-	-	No
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	449	2,015	2,059	6,176	-	-	2,640	3,520	No
				European dry heaths	No	449	2,015	2,059	-	-	1,760	2,640	3,520	No
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	449	2,015	2,059	6,176	-	-	2,640	3,520	No
				Northern Atlantic wet heaths with Erica tetralix	No	449	2,015	2,059	-	-	1,760	2,640	3,520	No
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	No	449	2,015	2,059	-	-	-	2,640	3,520	No
				Vertigo angustior	No	449	2,015	-	6,176	-	-	-	3,520	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Vertigo angustior	No	449	2,015	-	6,176	880	1,760	-	-	No
				Vertigo moulinsiana	No	449	2,015	-	6,176	-	-	-	-	No
69	Ancient woodland	Mileplain Plantation	25	Broadleaved (MAGIC)	Yes	304	547	731	2,194	-	415	622	829	No
79	SSSI	River Wensum	0	Carex Acutiformis Swamp	No	2,302	120	91	274	-	-	-	-	Yes
				Carex Paniculata Swamp	No	2,302	120	91	274	-	-	177	236	Yes
				Glyceria Maxima Swamp	No	2,302	120	91	274	-	-	-	-	Yes
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	No	2,302	120	91	274	-	-	177	236	Yes
				Phragmites Australis Swamp And Reed-Beds	No	2,302	120	91	274	-	-	177	236	Yes
				Austropotamobius pallipes	No	2,302	120	-	274	-	-	-	-	Yes
				Vertigo moulinsiana	No	2,302	120	-	274	-	-	-	-	Yes
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	No	2,302	120	91	274	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	No	2,302	120	-	274	-	-	-	-	Yes
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	No	2,302	120	-	274	-	-	-	-	Yes
				Lampetra planeri - Brook lamprey (S1096)	No	2,302	120	-	274	-	-	-	-	Yes
				Cottus gobio - Bullhead (S1163)	No	2,302	120	-	274	-	-	-	-	Yes
80	SSSI	River Wensum	0	Carex Acutiformis Swamp	No	1,660	120	91	274	-	-	-	-	Yes
				Carex Paniculata Swamp	No	1,660	120	91	274	-	-	177	236	Yes
				Glyceria Maxima Swamp	No	1,660	120	91	274	-	-	-	-	Yes
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	No	1,660	120	91	274	-	-	177	236	Yes
				Phragmites Australis Swamp And Reed-Beds	No	1,660	120	91	274	-	-	177	236	Yes
				Austropotamobius pallipes	No	1,660	120	-	274	-	-	-	-	Yes
				Vertigo moulinsiana	No	1,660	120	-	274	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	No	1,660	120	91	274	-	-	-	-	Yes
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	No	1,660	120	-	274	-	-	-	-	Yes
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	No	1,660	120	-	274	-	-	-	-	Yes
				Lampetra planeri - Brook lamprey (S1096)	No	1,660	120	-	274	-	-	-	-	Yes
				Cottus gobio - Bullhead (S1163)	No	1,660	120	-	274	-	-	-	-	Yes
	SSSI	River Wensum	110	Carex Acutiformis Swamp	No	1,660	1,620	1,791	5,372	-	-	-	-	Yes
				Carex Paniculata Swamp	No	1,660	1,620	1,791	5,372	-	-	2,341	3,121	Yes
				Glyceria Maxima Swamp	No	1,660	1,620	1,791	5,372	-	-	-	-	Yes
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	No	1,660	1,620	1,791	5,372	-	-	2,341	3,121	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Phragmites Australis Swamp And Reed-Beds	No	1,660	1,620	1,791	5,372	-	-	2,341	3,121	Yes
				Austropotamobius pallipes	No	1,660	1,620	-	5,372	-	-	-	-	Yes
				Vertigo moulinsiana	No	1,660	1,620	-	5,372	-	-	-	-	Yes
	SAC	River Wensum	110	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	No	1,660	1,620	1,791	5,372	-	-	-	-	Yes
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	No	1,660	1,620	-	5,372	-	-	-	-	Yes
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	No	1,660	1,620	-	5,372	-	-	-	-	Yes
				Lampetra planeri - Brook lamprey (S1096)	No	1,660	1,620	-	5,372	-	-	-	-	Yes
				Cottus gobio - Bullhead (S1163)	No	1,660	1,620	-	5,372	-	-	-	-	Yes
82	Ancient woodland	Primrose Grove	30	Broadleaved (MAGIC)	Yes	65	547	731	2,194	-	415	622	829	No
85	Ancient woodland	Mouse Wood	0	Unknown, assumed conifer as a worst case	Yes	320	120	91	274	35	71	106	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
86	SSSI	Holly Farm Meadow, Wendling	7	Cynosurus Cristatus - Caltha Palustris Grassland	No	2,342	225	-	995	-	-	-	720	Yes
				Cynosurus Cristatus - Caltha Palustris Grassland	No	2,342	225	-	995	-	-	-	720	Yes
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	2,342	225	332	995	-	-	540	720	Yes
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	No	2,342	225	332	995	-	-	540	720	Yes
	SSSI	Potter & Scarning Fens, East Dereham	1	Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	2,342	120	91	274	-	-	177	236	Yes
				Schoenus Nigricans - Juncus Subnodulosus Mire	No	2,342	120	91	-	-	-	177	236	Yes
				Ceriagrion tenellum	No	2,342	120	-	-	-	-	-	-	Yes
				Invertebrate assemblage	No	2,342	120	-	274	-	-	-	-	Yes
	SAC	Norfolk Valley Fens	<5	Alkaline fens	No	2,342	120	91	-	-	-	177	236	Yes
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion	No	2,342	120	91	-	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				incanae, Salicion albae)										
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	2,342	120	91	274	-	-	177	236	Yes
				European dry heaths	No	2,342	120	91	-	-	118	177	236	Yes
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	2,342	120	91	274	-	-	177	236	Yes
				Northern Atlantic wet heaths with Erica tetralix	No	2,342	120	91	-	-	118	177	236	Yes
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	No	2,342	120	91	-	-	-	177	236	Yes
				Vertigo angustior	No	2,342	120	-	274	-	-	-	236	Yes
				Vertigo angustior	No	2,342	120	-	274	59	118	-	-	Yes
				Vertigo moulinsiana	No	2,342	120	-	274	-	-	-	-	Yes
87	SSSI	East Winch Common	0	Calluna Vulgaris - Festuca Ovina Heath	No	1,777	120	91	-	-	118	177	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Erica Tetralix - Sphagnum Compactum Wet Heath	No	1,777	120	91	-	-	118	177	236	Yes
	SSSI	River Nar**	0	N/A**										No
88	Ancient woodland	Reffley Wood	5	Conifer (MAGIC)	Yes	2,904	171	259	776	86	171	257	-	Yes
				Broadleaved (MAGIC)	Yes	2,904	171	259	776	-	171	257	343	Yes
96	LNR	Wensum Valley (Mile Cross Marsh and Sycamore Crescent)	160	-	Yes	1,619	2,410	-	6,980	-	-	-	-	No
	SSSI	Sweetbriar Road Meadows, Norwich	195	Cynosurus Cristatus - Caltha Palustris Grassland	No	1,619	3,424	-	8,406	-	-	-	4,604	No
				Cynosurus Cristatus - Caltha Palustris Grassland	No	1,619	3,424	-	8,406	-	-	-	4,604	No
				Glyceria Maxima Swamp	No	1,619	3,424	2,802	8,406	-	-	-	-	No
114	Ancient woodland	Unnamed (ID 6)	0	Broadleaved (MAGIC)	Yes	5,649	120	91	274	-	71	106	142	Yes
	Ancient woodland	Smeeth Wood	30	Broadleaved (MAGIC)	Yes	5,649	732	938	2,814	-	511	766	1,021	Yes
121	SSSI	Eaton Chalk Pit	175	Mixed Species	No	2,200	2,917	-	7,693	-	-	-	-	No
125	LNR	Danby Wood	43	-	Yes	3,066	732	-	2,814	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
	LNR	Marston Marshes	105	-	Yes	3,066	1,620	-	5,372	-	-	-	-	Yes
129	SSSI	Caistor St. Edmund Chalk Pit**	195	N/A**										No
133	SSSI	River Wensum	0	Carex Acutiformis Swamp	No	131	120	91	274	-	-	-	-	Yes
				Carex Paniculata Swamp	No	131	120	91	274	-	-	177	236	Yes
				Glyceria Maxima Swamp	No	131	120	91	274	-	-	-	-	Yes
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	No	131	120	91	274	-	-	177	236	Yes
				Phragmites Australis Swamp And Reed-Beds	No	131	120	91	274	-	-	177	236	Yes
				Austropotamobius pallipes	No	131	120	-	274	-	-	-	-	Yes
				Vertigo moulinsiana	No	131	120	-	274	-	-	-	-	Yes
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	No	131	120	91	274	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	No	131	120	-	274	-	-	-	-	Yes
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	No	131	120	-	274	-	-	-	-	Yes
				Lampetra planeri - Brook lamprey (S1096)	No	131	120	-	274	-	-	-	-	Yes
				Cottus gobio - Bullhead (S1163)	No	131	120	-	274	-	-	-	-	Yes
136	SSSI	Alderford Common	0*	Cynosurus Cristatus - Centaurea Nigra Grassland	No	131	120	-	274	-	-	-	236	Yes
				Cynosurus Cristatus - Centaurea Nigra Grassland	No	131	120	-	274	-	-	-	236	Yes
				Mixed: scrub, woodland	No	131	-	-	-	-	-	-	-	No
138	SSSI	Alderford Common	0	Cynosurus Cristatus - Centaurea Nigra Grassland	No	85	120	-	274	-	-	-	236	No
				Cynosurus Cristatus - Centaurea Nigra Grassland	No	85	120	-	274	-	-	-	236	No
				Mixed: scrub, woodland	No	85	-	-	-	-	-	-	-	No
150	SSSI	River Wensum	65	Carex Acutiformis Swamp	No	54	917	1,145	3,434	-	-	-	-	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Carex Paniculata Swamp	No	54	917	1,145	3,434	-	-	1,587	2,116	No
				Glyceria Maxima Swamp	No	54	917	1,145	3,434	-	-	-	-	No
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	No	54	917	1,145	3,434	-	-	1,587	2,116	No
				Phragmites Australis Swamp And Reed-Beds	No	54	917	1,145	3,434	-	-	1,587	2,116	No
				Austropotamobius pallipes	No	54	917	-	3,434	-	-	-	-	No
				Vertigo moulinsiana	No	54	917	-	3,434	-	-	-	-	No
	SAC	River Wensum	65	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	No	54	917	1,145	3,434	-	-	-	-	No
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	No	54	917	-	3,434	-	-	-	-	No
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	No	54	917	-	3,434	-	-	-	-	No
				Lampetra planeri - Brook lamprey (S1096)	No	54	917	-	3,434	-	-	-	-	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP or DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Cottus gobio - Bullhead (S1163)	No	54	917	-	3,434	-	-	-	-	No

[1]Feature name(s) may be repeated in the table as a feature may have more than one nitrogen/acid Critical Load classes within them
[2]AADT change shown are inclusive of Project-generated traffic, in-combination traffic growth (from 2019 to 2025) and any relevant cumulative project traffic

*Road goes over/through designated site boundary. However, sensitive habitats may not be located this close to the road/be present.
**Excluded from assessment as not sensitive to air quality impacts.
***Excluded from the assessment as the only habitats present within 200m of the road are mudflats (as per the Priority Habitat Inventory (England), Natural England (2021)) and these are not listed as sensitive under the sites designation.
****Excluded from the assessment as the site boundary is 197m from road; however, habitats are greater than 200m from road (Natural England, 2021).

Table 22.5.2: Critical Level and Critical Load 1% Screening of Ecological Receptors – SEP and DEP Concurrently. Red filled cells indicate an exceedance of the AADT flows presented in Table 22.18 and Table 22.19 of Chapter 22 Air Quality, and required for further assessment of feature/site

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
4	Ancient woodland	Bullfer Grove	155	Broadleaved (MAGIC)	Yes	1,872	2,410	2,327	6,980	-	1,108	1,661	2,215	Yes
	Ancient woodland	Pereers Wood	20	Broadleaved (MAGIC)	Yes	1,872	413	568	1,704	-	333	499	666	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
							NOx	NH_3		N-dep				
	Site Type	Name					30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
10	SSSI	Kelling Heath	0*	*Calluna Vulgaris - Ulex Gallii* Heath	No	329	120	91	274	-	118	177	236	Yes
11	SSSI	Weybourne Town Pit**	0	N/A										No
	Ancient woodland	Oak Wood	0.5	Broadleaved (MAGIC)	Yes	787	120	91	274	-	71	106	142	Yes
13	Ancient woodland	Unnamed (ID 1)	0	Broadleaved (MAGIC)	Yes	2,668	120	91	274	-	71	106	142	Yes
	SSSI	Fe brigg Wood	0	*Fagus Sylvatica - Deschampsia Flexuosa* Woodland	Yes	2,668	120	91	274	-	71	106	142	Yes
			0	Combinations of species - lichens	Yes	2,668	120	91	-	-	-	-	-	Yes
			0	Invertebrate assemblage	Yes	2,668	120	91	-	-	-	-	-	Yes
	Ancient woodland	Great Wood	5	Broadleaved (MAGIC)	Yes	2,668	171	259	776	-	171	257	343	Yes
			37	Conifer (MAGIC)	Yes	2,668	732	938	2,814	255	511	766	-	Yes
14	SSSI	Fe brigg Wood	0	*Fagus Sylvatica - Deschampsia Flexuosa* Woodland	Yes	1,906	120	91	274	-	71	106	142	Yes
20	SSSI	Ant Broads and Marshes	113	Alnus glutinosa - Carex paniculata Woodland	Yes	1,377	1,620	1,791	5,372	-	887	1,330	1,773	Yes
				Alnus glutinosa - Urtica dioica Woodland	Yes	1,377	1,620	1,791	5,372	-	887	1,330	1,773	Yes
				Carex Rostrata - Calliergon Cuspidatum/giganteum	No	1,377	1,620	1,791	-	-	1,561	2,341	-	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				(Calliergonella Cuspidata/calliergon Giganteum) Mire										
				Carex Rostrata - Potentilla Palustris Swamp	No	1,377	1,620	1,791	5,372	-	1,561	2,341	-	No
				Carex Rostrata - Sphagnum Squarrosum Mire	No	1,377	1,620	1,791	-	-	1,561	2,341	-	No
				Cladium Mariscus Swamp And Sedge-Beds	No	1,377	1,620	1,791	5,372	-	1,561	2,341	3,121	No
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	No	1,377	1,620	1,791	5,372	-	-	2,341	3,121	No
				Phragmites Australis - Peucedanum Palustris Tall-Herb Fen	No	1,377	1,620	1,791	5,372	-	-	2,341	3,121	No
				Salix Cinerea - Betula Pubescens - Phragmites Australis Woodland	Yes	1,377	1,620	1,791	5,372	-	887	1,330	1,773	Yes
				Liparis loeselii	No	1,377	1,620	1,791	5,372	-	1,561	2,341	3,121	No
				Liparis loeselii	No	1,377	1,620	1,791	5,372	-	1,561	2,341	3,121	No
				Vascular plant assemblage	No	1,377	1,620	-	5,372	-	-	-	-	No
				Vascular plant assemblage	No	1,377	1,620	-	5,372	-	-	-	-	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
	SAC	The Broads	113	Alkaline fens	No	1,377	1,620	1,791	-	-	-	2,341	3,121	No
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	1,377	1,620	1,791	-	-	-	-	-	No
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	1,377	1,620	1,791	5,372	-	-	2,341	3,121	No
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	No	1,377	1,620	1,791	5,372	-	-	-	-	No
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	1,377	1,620	1,791	5,372	-	-	2,341	3,121	No
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	No	1,377	1,620	1,791	5,372	-	-	-	-	No
				Transition mires and quaking bogs	No	1,377	1,620	1,791	-	-	1,561	2,341	-	No
				Liparis loeselii	No	1,377	1,620	-	5,372	-	1,561	2,341	3,121	No
				Anisus vorticulus	No	1,377	1,620	-	5,372	-	-	-	-	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Lutra lutra	No	1,377	1,620	-	5,372	-	-	-	-	No
				Vertigo moulinsiana	No	1,377	1,620	-	5,372	-	-	-	-	No
	SPA	Broadland	113	Anas clypeata (North-western/Central Europe)	No	1,377	1,620	-	5,372	-	-	-	-	No
				Anas penelope (Western S beria/North-western/North-eastern Europe)	No	1,377	1,620	-	5,372	-	-	-	-	No
				Anas penelope (Western S beria/North-western/North-eastern Europe)	No	1,377	1,620	-	5,372	-	-	-	3,121	No
				Anas strepera (North-western Europe)	No	1,377	1,620	-	5,372	-	-	-	-	No
				Botaurus stellaris (Europe - breeding)	No	1,377	1,620	-	5,372	-	-	2,341	3,121	No
				Circus aeruginosus	No	1,377	1,620	-	5,372	-	-	2,341	3,121	No
				Circus cyaneus	No	1,377	1,620	-	5,372	-	1,561	2,341	3,121	No
				Circus cyaneus	No	1,377	1,620	-	5,372	-	-	2,341	3,121	No
				Circus cyaneus	No	1,377	1,620	-	5,372	-	-	-	3,121	No
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	1,377	1,620	-	-	-	-	-	-	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	1,377	1,620	-	-	-	-	-	-	No
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	1,377	1,620	-	5,372	-	-	-	-	No
				Cygnus cygnus (Iceland/UK/Ireland)	No	1,377	1,620	-	5,372	-	-	-	-	No
				Cygnus cygnus (Iceland/UK/Ireland)	No	1,377	1,620	-	-	-	-	-	-	No
				Philomachus pugnax (Western Africa - wintering)	No	1,377	1,620	-	5,372	-	-	-	3,121	No
				Philomachus pugnax (Western Africa - wintering)	No	1,377	1,620	-	5,372	-	-	-	3,121	No
				Philomachus pugnax (Western Africa - wintering)	No	1,377	1,620	-	5,372	-	-	-	3,121	No
	Ramsar	Broadland	113	N/A										No
21	SSSI	Trinity Broads	0	Alnus glutinosa - Carex paniculata Woodland	Yes	1,568	120	91	274	-	71	106	142	Yes
				Cladium Mariscus Swamp And Sedge-Beds	No	1,568	120	91	274	-	-	177	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	1,568	120	91	274	-	-	177	236	Yes
				Phragmites Australis - Peucedanum Palustris Tall-Herb Fen	No	1,568	120	91	274	-	-	177	236	Yes
				Salix Cinerea - Betula Pubescens - Phragmites Australis Woodland	Yes	1,568	120	91	274	-	71	106	142	Yes
				Vascular plant assemblage	No	1,568	120	-	274	-	-	-	-	Yes
				Vascular plant assemblage	No	1,568	120	-	274	-	-	-	-	Yes
				Anas clypeata	No	1,568	120	-	-	-	-	-	-	Yes
				Aythya ferina	No	1,568	120	-	274	-	-	-	-	Yes
				Aythya ferina	No	1,568	120	-	274	-	-	-	236	Yes
				Aythya fuligula	No	1,568	120	-	274	-	-	-	-	Yes
				Aythya fuligula	No	1,568	120	-	274	-	-	-	236	Yes
				Botaurus stellaris	No	1,568	120	-	274	-	-	177	236	Yes
				Circus aeruginosus	No	1,568	120	-	274	-	-	177	236	Yes
				Invertebrate assemblage	No	1,568	120	-	274	-	-	-	-	Yes
				Lowland open waters and their margins	No	1,568	120	-	-	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Lutra lutra	No	1,568	120	-	274	-	-	-	-	Yes
	SAC	The Broads	0	Alkaline fens	No	1,568	120	91	-	-	-	177	236	Yes
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	1,568	120	91	-	-	-	-	-	Yes
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	1,568	120	91	274	-	-	177	236	Yes
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	No	1,568	120	91	274	-	-	-	-	Yes
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	1,568	120	91	274	-	-	177	236	Yes
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	No	1,568	120	91	274	-	-	-	-	Yes
				Transition mires and quaking bogs	No	1,568	120	91	-	-	118	177	-	Yes
				Liparis loeselii	No	1,568	120	-	274	-	118	177	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Anisus vorticulus	No	1,568	120	-	274	-	-	-	-	Yes
				Lutra lutra	No	1,568	120	-	274	-	-	-	-	Yes
				Vertigo moulinsiana	No	1,568	120	-	274	-	-	-	-	Yes
23	SPA	Outer Thames Estuary	6***	N/A***										No
24	SPA	Outer Thames Estuary	0***	N/A***										No
25	SSSI	Breydon Water	1	Zostera Communities	No	4,712	120	91	274	-	-	-	-	Yes
				Vascular plant assemblage	No	4,712	120	-	274	-	-	-	-	Yes
				Vascular plant assemblage	No	4,712	120	-	274	-	-	-	-	Yes
				Anas penelope	No	4,712	120	-	274	-	-	-	-	Yes
				Anas penelope	No	4,712	120	-	274	-	-	-	236	Yes
				Cygnus columbianus bewickii	No	4,712	120	-	-	-	-	-	-	Yes
				Tadorna tadorna	No	4,712	120	-	274	-	-	-	236	Yes
	SPA	Breydon Water	1	Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	4,712	-	-	-	-	-	-	-	No
				Cygnus columbianus bewickii (Western	No	4,712	-	-	-	-	-	-	-	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Siberia/North-eastern & North-western Europe)										
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	4,712	120	-	-	-	-	-	-	Yes
				Philomachus pugnax (Western Africa - wintering)	No	4,712	120	-	274	-	-	-	236	Yes
				Philomachus pugnax (Western Africa - wintering)	No	4,712	120	-	274	-	-	-	236	Yes
				Pluvialis apricaria [North-western Europe]	No	4,712	120	-	274	-	-	-	236	Yes
				Pluvialis apricaria [North-western Europe]	No	4,712	120	-	274	-	-	-	236	Yes
				Pluvialis apricaria [North-western Europe]	No	4,712	-	-	-	-	-	-	-	No
				Pluvialis apricaria [North-western Europe]	No	4,712	120	-	274	-	-	-	236	Yes
				Recurvirostra avosetta (Western Europe/Western Mediterranean - breeding)	No	4,712	120	-	274	-	-	-	236	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	4,712	120	-	274	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	4,712	120	-	274	-	118	177	-	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	4,712	120	-	274	59	118	-	-	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	4,712	120	-	274	-	118	177	236	Yes
				Vanellus vanellus (Europe - breeding)	No	4,712	120	-	274	-	-	-	236	Yes
				Vanellus vanellus (Europe - breeding)	No	4,712	-	-	-	-	-	-	-	No
	Ramsar	Breydon Water	1	N/A										No
	LNR	Breydon Water	1	-	No	4,712	120	-	274	-	-	-	-	Yes
	SPA	Outer Thames Estuary	0***	N/A***										No
28	Ancient woodland	Foxburrow Wood	1	Broadleaved (MAGIC)	Yes	1,883	120	91	274	-	71	106	142	Yes
30	Ancient woodland	Raveningham Covert	0	Broadleaved (MAGIC)	Yes	2,940	120	91	274	-	71	106	142	Yes
	Ancient woodland	Blacks Grove	165	Broadleaved (MAGIC)	Yes	2,940	2,410	2,327	6,980	-	1,108	1,661	2,215	Yes
	SSSI	Barnby Broad & Marshes	48	Glyceria Maxima Swamp	No	2,940	917	1,145	3,434	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	2,940	917	1,145	3,434	-	-	1,587	2,116	Yes
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	No	2,940	917	1,145	3,434	-	-	1,587	2,116	Yes
				Vascular plant assemblage	No	2,940	917	-	3,434	-	-	-	-	Yes
				Vascular plant assemblage	No	2,940	917	-	3,434	-	-	-	-	Yes
				Variety of breeding bird species (70)	No	2,940	-	-	-	-	-	-	-	No
	SAC	The Broads	48	Alkaline fens	No	2,940	917	1,145	-	-	-	1,587	2,116	Yes
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	2,940	917	1,145	-	-	-	-	-	Yes
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	2,940	917	1,145	3,434	-	-	1,587	2,116	Yes
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	No	2,940	917	1,145	3,434	-	-	-	-	Yes
				Molinia meadows on calcareous, peaty or	No	2,940	917	1,145	3,434	-	-	1,587	2,116	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				clayey-silt-laden soils (Molinion caeruleae)										
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	No	2,940	917	1,145	3,434	-	-	-	-	Yes
				Transition mires and quaking bogs	No	2,940	917	1,145	-	-	1,058	1,587	-	Yes
				Liparis loeselii	No	2,940	917	-	3,434	-	1,058	1,587	2,116	Yes
				Anisus vorticulus	No	2,940	917	-	3,434	-	-	-	-	Yes
				Lutra lutra	No	2,940	917	-	3,434	-	-	-	-	Yes
				Vertigo moulinsiana	No	2,940	917	-	3,434	-	-	-	-	Yes
	SPA	Broadland	48	Anas clypeata (North-western/Central Europe)	No	2,940	917	-	3,434	-	-	-	-	Yes
				Anas penelope (Western Siberia/North-western/North-eastern Europe)	No	2,940	917	-	3,434	-	-	-	-	Yes
				Anas penelope (Western S beria/North-western/North-eastern Europe)	No	2,940	917	-	3,434	-	-	-	2,116	Yes
				Anas strepera (North-western Europe)	No	2,940	917	-	3,434	-	-	-	-	Yes
				Botaurus stellaris (Europe - breeding)	No	2,940	917	-	3,434	-	-	1,587	2,116	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Circus aeruginosus	No	2,940	917	-	3,434	-	-	1,587	2,116	Yes
				Circus cyaneus	No	2,940	917	-	3,434	-	1,058	1,587	2,116	Yes
				Circus cyaneus	No	2,940	917	-	3,434	-	-	1,587	2,116	Yes
				Circus cyaneus	No	2,940	917	-	3,434	-	-	-	2,116	Yes
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	2,940	917	-	-	-	-	-	-	Yes
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	2,940	917	-	-	-	-	-	-	Yes
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	2,940	917	-	3,434	-	-	-	-	Yes
				Cygnus cygnus (Iceland/UK/Ireland)	No	2,940	917	-	3,434	-	-	-	-	Yes
				Cygnus cygnus (Iceland/UK/Ireland)	No	2,940	917	-	-	-	-	-	-	Yes
				Philomachus pugnax (Western Africa - wintering)	No	2,940	917	-	3,434	-	-	-	2,116	Yes
				Philomachus pugnax (Western Africa - wintering)	No	2,940	917	-	3,434	-	-	-	2,116	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Philomachus pugnax (Western Africa - wintering)	No	2,940	917	-	3,434	-	-	-	2,116	Yes
	Ramsar	Broadland	48	N/A										No
31	LNR	Whitlingham	25	-	Yes	6,697	547	-	2,194	-	-	-	-	Yes
	LNR	Whitlingham	1	-	Yes	6,697	120	-	274	-	-	-	-	Yes
	LNR	Whitlingham Marsh, Whitlingham	0	-	No	6,697	120	-	274	-	-	-	-	Yes
34	SSSI	Damgate Marshes, Acle	0	Vascular plant assemblage - Vascular Plant Assemblage	No	3,365	120	-	274	-	-	-	-	Yes
	SAC	The Broads	0	Alkaline fens	No	3,365	120	91	-	-	-	177	236	Yes
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	3,365	120	91	-	-	-	-	-	Yes
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	3,365	120	91	274	-	-	177	236	Yes
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	No	3,365	120	91	274	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	3,365	120	91	274	-	-	177	236	Yes
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	No	3,365	120	91	274	-	-	-	-	Yes
				Transition mires and quaking bogs	No	3,365	120	91	-	-	118	177	-	Yes
				Liparis loeselii	No	3,365	120	-	274	-	118	177	236	Yes
				Anisus vorticulus	No	3,365	120	-	274	-	-	-	-	Yes
				Lutra lutra	No	3,365	120	-	274	-	-	-	-	Yes
				Vertigo moulinsiana	No	3,365	120	-	274	-	-	-	-	Yes
	Ramsar	Broadland	0	N/A										No
	SPA	Outer Thames Estuary	80***	N/A***										No
	SSSI	Breydon Water	35	Zostera Communities	No	3,365	732	938	2,814	-	-	-	-	Yes
				Vascular plant assemblage	No	3,365	732	-	2,814	-	-	-	-	Yes
				Vascular plant assemblage	No	3,365	732	-	2,814	-	-	-	-	Yes
				Anas penelope	No	3,365	732	-	2,814	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Anas penelope	No	3,365	732	-	2,814	-	-	-	1,775	Yes
				Cygnus columbianus bewickii	No	3,365	732	-	-	-	-	-	-	Yes
				Tadorna tadorna	No	3,365	732	-	2,814	-	-	-	1,775	Yes
	SPA	Breydon Water	35	Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	3,365	-	-	-	-	-	-	-	No
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	3,365	-	-	-	-	-	-	-	No
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	No	3,365	732	-	-	-	-	-	-	Yes
				Philomachus pugnax (Western Africa - wintering)	No	3,365	732	-	2,814	-	-	-	1,775	Yes
				Philomachus pugnax (Western Africa - wintering)	No	3,365	732	-	2,814	-	-	-	1,775	Yes
				Pluvialis apricaria [North-western Europe]	No	3,365	732	-	2,814	-	-	-	1,775	Yes
				Pluvialis apricaria [North-western Europe]	No	3,365	732	-	2,814	-	-	-	1,775	Yes
				Pluvialis apricaria [North-western Europe]	No	3,365	-	-	-	-	-	-	-	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Pluvialis apricaria [North-western Europe]	No	3,365	732	-	2,814	-	-	-	1,775	Yes
				Recurvirostra avosetta (Western Europe/Western Mediterranean - breeding)	No	3,365	732	-	2,814	-	-	-	1,775	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	3,365	732	-	2,814	-	-	-	-	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	3,365	732	-	2,814	-	888	1,332	-	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	3,365	732	-	2,814	444	888	-	-	Yes
				Sterna hirundo (Northern/Eastern Europe - breeding)	No	3,365	732	-	2,814	-	888	1,332	1,775	Yes
				Vanellus vanellus (Europe - breeding)	No	3,365	732	-	2,814	-	-	-	1,775	Yes
				Vanellus vanellus (Europe - breeding)	No	3,365	-	-	-	-	-	-	-	No
	Ramsar	Breydon Water	40	N/A										No
	LNR	Breydon Water	40	-	No	3,365	732	-	2,814	-	-	-	-	Yes
35	Ancient woodland	Unnamed (ID 2)	105	Unknown, assumed conifer as worst case	Yes	3,921	1,620	1,791	5,372	443	887	1,330	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
39	SSSI	Smal burgh Fen	197****	N/A****										
	SAC	The Broads	197****	N/A****										
	SPA	Broadland	197****	N/A****										
	Ramsar	Broadland	197****	N/A****										
40	Ancient woodland	Unnamed (ID 3)	17	Broadleaved (MAGIC)	Yes	3,948	413	568	1,704	-	333	499	666	Yes
	Ancient woodland	Sprowston Wood	75	Conifer (MAGIC)	Yes	3,948	1,269	1,468	4,403	373	747	1,120	-	Yes
43	Ancient woodland	Unnamed (ID 4)	160	Broadleaved (MAGIC)	Yes	2,196	2,410	2,327	6,980	-	1,108	1,661	2,215	Yes
49	SSSI	Buxton Heath	50	Calluna Vulgaris - Ulex Gallii Heath	No	1,755	917	1,145	3,434	-	1,058	1,587	2,116	Yes
				Erica Tetralix - Sphagnum Compactum Wet Heath	No	1,755	917	1,145	-	-	1,058	1,587	2,116	Yes
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	1,755	917	1,145	3,434	-	-	1,587	2,116	Yes
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	No	1,755	917	1,145	3,434	-	-	1,587	2,116	Yes
				Schoenus Nigricans - Juncus Subnodulosus Mire	No	1,755	917	1,145	-	-	-	1,587	2,116	Yes
				Invertebrate assemblage	No	1,755	917	-	3,434	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Plebejus argus	No	1,755	917	-	-	-	-	-	-	Yes
	SAC	Norfolk Valley Fens	50	Alkaline fens	No	1,755	917	1,145	-	-	-	1,587	2,116	Yes
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	Yes	1,755	917	1,145	-	-	-	-	-	Yes
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	1,755	917	1,145	3,434	-	-	1,587	2,116	Yes
				European dry heaths	No	1,755	917	1,145	-	-	1,058	1,587	2,116	Yes
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	1,755	917	1,145	3,434	-	-	1,587	2,116	Yes
				Northern Atlantic wet heaths with Erica tetralix	No	1,755	917	1,145	-	-	1,058	1,587	2,116	Yes
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	No	1,755	917	1,145	-	-	-	1,587	2,116	Yes
				Vertigo angustior	No	1,755	917	-	3,434	-	-	-	2,116	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Vertigo angustior	No	1,755	917	-	3,434	529	1,058	-	-	Yes
				Vertigo moulinsiana	No	1,755	917	-	3,434	-	-	-	-	Yes
	Ancient woodland	Great Wood	160	Conifer (MAGIC)	Yes	1,755	2,410	2,327	6,980	554	1,108	1,661	-	Yes
50	Ancient woodland	Unnamed (ID 5)	8	Broadleaved (MAGIC)	Yes	84	225	332	995	-	211	317	423	No
	SSSI	Cawston and Marsham Heaths	0	Calluna Vulgaris - Ulex Gallii Heath	No	84	120	91	274	-	118	177	236	No
51	SSSI	Cawston and Marsham Heaths	90	Calluna Vulgaris - Ulex Gallii Heath	No	1,878	1,269	1,468	4,403	-	1,310	1,964	2,619	Yes
59	SSSI	Holt Lowes	0	Calluna Vulgaris - Ulex Gallii Heath	No	1,201	120	91	274	-	118	177	236	Yes
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	1,201	120	91	274	-	-	177	236	Yes
				Schoenus Nigricans - Juncus Subnodulosus Mire	No	1,201	120	91	-	-	-	177	236	Yes
				Schoenus Nigricans - Narthecium Ossifragum Mire	No	1,201	120	91	-	-	118	177	-	Yes
				Invertebrate assemblage	No	1,201	120	-	274	-	-	-	-	Yes
	SAC		0	Alkaline fens	No	1,201	120	91	-	-	-	177	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
		Norfolk Valley Fens		Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	1,201	120	91	-	-	-	-	-	Yes
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	1,201	120	91	274	-	-	177	236	Yes
				European dry heaths	No	1,201	120	91	-	-	118	177	236	Yes
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	1,201	120	91	274	-	-	177	236	Yes
				Northern Atlantic wet heaths with Erica tetralix	No	1,201	120	91	-	-	118	177	236	Yes
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	No	1,201	120	91	-	-	-	177	236	Yes
				Vertigo angustior	No	1,201	120	-	274	-	-	-	236	Yes
				Vertigo angustior	No	1,201	120	-	274	59	118	-	-	Yes
				Vertigo moulinsiana	No	1,201	120	-	274	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
60	SSSI	Holt Lowes	140	Calluna Vulgaris - Ulex Gallii Heath	No	449	2,015	2,059	6,176	-	1,760	2,640	3,520	No
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	449	2,015	2,059	6,176	-	-	2,640	3,520	No
				Schoenus Nigricans - Juncus Subnodulosus Mire	No	449	2,015	2,059	-	-	-	2,640	3,520	No
				Schoenus Nigricans - Narthecium Ossifragum Mire	No	449	2,015	2,059	-	-	1,760	2,640	-	No
				Invertebrate assemblage	No	449	2,015	-	6,176	-	-	-	-	No
	SAC	Norfolk Valley Fens	140	Alkaline fens	No	449	2,015	2,059	-	-	-	2,640	3,520	No
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	449	2,015	2,059	-	-	-	-	-	No
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	449	2,015	2,059	6,176	-	-	2,640	3,520	No
				European dry heaths	No	449	2,015	2,059	-	-	1,760	2,640	3,520	No
				Molinia meadows on calcareous, peaty or	No	449	2,015	2,059	6,176	-	-	2,640	3,520	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				clayey-silt-laden soils (Molinion caeruleae)										
				Northern Atlantic wet heaths with Erica tetralix	No	449	2,015	2,059	-	-	1,760	2,640	3,520	No
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	No	449	2,015	2,059	-	-	-	2,640	3,520	No
				Vertigo angustior	No	449	2,015	-	6,176	-	-	-	3,520	No
				Vertigo angustior	No	449	2,015	-	6,176	880	1,760	-	-	No
				Vertigo moulinsiana	No	449	2,015	-	6,176	-	-	-	-	No
69	Ancient woodland	Mileplain Plantation	25	Broadleaved (MAGIC)	Yes	356	547	731	2,194	-	415	622	829	No
79	SSSI	River Wensum	0	Carex Acutiformis Swamp	No	2,323	120	91	274	-	-	-	-	Yes
				Carex Paniculata Swamp	No	2,323	120	91	274	-	-	177	236	Yes
				Glyceria Maxima Swamp	No	2,323	120	91	274	-	-	-	-	Yes
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	No	2,323	120	91	274	-	-	177	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Phragmites Australis Swamp And Reed-Beds	No	2,323	120	91	274	-	-	177	236	Yes
				Austropotamobius pallipes	No	2,323	120	-	274	-	-	-	-	Yes
				Vertigo moulinsiana	No	2,323	120	-	274	-	-	-	-	Yes
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	No	2,323	120	91	274	-	-	-	-	Yes
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	No	2,323	120	-	274	-	-	-	-	Yes
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	No	2,323	120	-	274	-	-	-	-	Yes
				Lampetra planeri - Brook lamprey (S1096)	No	2,323	120	-	274	-	-	-	-	Yes
				Cottus gobio - Bullhead (S1163)	No	2,323	120	-	274	-	-	-	-	Yes
80	SSSI	River Wensum	0	Carex Acutiformis Swamp	No	1,675	120	91	274	-	-	-	-	Yes
				Carex Paniculata Swamp	No	1,675	120	91	274	-	-	177	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Glyceria Maxima Swamp	No	1,675	120	91	274	-	-	-	-	Yes
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	No	1,675	120	91	274	-	-	177	236	Yes
				Phragmites Australis Swamp And Reed-Beds	No	1,675	120	91	274	-	-	177	236	Yes
				Austropotamobius pallipes	No	1,675	120	-	274	-	-	-	-	Yes
				Vertigo moulinsiana	No	1,675	120	-	274	-	-	-	-	Yes
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	No	1,675	120	91	274	-	-	-	-	Yes
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	No	1,675	120	-	274	-	-	-	-	Yes
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	No	1,675	120	-	274	-	-	-	-	Yes
				Lampetra planeri - Brook lamprey (S1096)	No	1,675	120	-	274	-	-	-	-	Yes
				Cottus gobio - Bullhead (S1163)	No	1,675	120	-	274	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
	SSSI	River Wensum	110	Carex Acutiformis Swamp	No	1,675	1,620	1,791	5,372	-	-	-	-	Yes
				Carex Paniculata Swamp	No	1,675	1,620	1,791	5,372	-	-	2,341	3,121	Yes
				Glyceria Maxima Swamp	No	1,675	1,620	1,791	5,372	-	-	-	-	Yes
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	No	1,675	1,620	1,791	5,372	-	-	2,341	3,121	Yes
				Phragmites Australis Swamp And Reed-Beds	No	1,675	1,620	1,791	5,372	-	-	2,341	3,121	Yes
				Austropotamobius pallipes	No	1,675	1,620	-	5,372	-	-	-	-	Yes
				Vertigo moulinsiana	No	1,675	1,620	-	5,372	-	-	-	-	Yes
	SAC	River Wensum	110	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	No	1,675	1,620	1,791	5,372	-	-	-	-	Yes
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	No	1,675	1,620	-	5,372	-	-	-	-	Yes
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	No	1,675	1,620	-	5,372	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Lampetra planeri - Brook lamprey (S1096)	No	1,675	1,620	-	5,372	-	-	-	-	Yes
				Cottus gobio - Bullhead (S1163)	No	1,675	1,620	-	5,372	-	-	-	-	Yes
82	Ancient woodland	Primrose Grove	30	Broadleaved (MAGIC)	Yes	71	547	731	2,194	-	415	622	829	No
85	Ancient woodland	Mouse Wood	0	Unknown, assumed conifer as a worst case	Yes	334	120	91	274	35	71	106	-	Yes
86	SSSI	Holly Farm Meadow, Wendling	7	Cynosurus Cristatus - Caltha Palustris Grassland	No	2,442	225	-	995	-	-	-	720	Yes
				Cynosurus Cristatus - Caltha Palustris Grassland	No	2,442	225	-	995	-	-	-	720	Yes
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	2,442	225	332	995	-	-	540	720	Yes
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	No	2,442	225	332	995	-	-	540	720	Yes
	SSSI	Potter & Scarning Fens, East Dereham	1	Juncus Subnodulosus - Cirsium Palustre Fen Meadow	No	2,442	120	91	274	-	-	177	236	Yes
				Schoenus Nigricans - Juncus Subnodulosus Mire	No	2,442	120	91	-	-	-	177	236	Yes
				Ceriagrion tenellum	No	2,442	120	-	-	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Invertebrate assemblage	No	2,442	120	-	274	-	-	-	-	Yes
	SAC	Norfolk Valley Fens	<5m	Alkaline fens	No	2,442	120	91	-	-	-	177	236	Yes
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	No	2,442	120	91	-	-	-	-	-	Yes
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	No	2,442	120	91	274	-	-	177	236	Yes
				European dry heaths	No	2,442	120	91	-	-	118	177	236	Yes
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No	2,442	120	91	274	-	-	177	236	Yes
				Northern Atlantic wet heaths with Erica tetralix	No	2,442	120	91	-	-	118	177	236	Yes
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	No	2,442	120	91	-	-	-	177	236	Yes
				Vertigo angustior	No	2,442	120	-	274	-	-	-	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Vertigo angustior	No	2,442	120	-	274	59	118	-	-	Yes
				Vertigo moulinsiana	No	2,442	120	-	274	-	-	-	-	Yes
87	SSSI	East Winch Common	0	Calluna Vulgaris - Festuca Ovina Heath	No	1,868	120	91	-	-	118	177	236	Yes
				Erica Tetralix - Sphagnum Compactum Wet Heath	No	1,868	120	91	-	-	118	177	236	Yes
	SSSI	River Nar**	0	N/A**										No
88	Ancient woodland	Reffley Wood	5	Conifer (MAGIC)	Yes	2,979	171	259	776	86	171	257	-	Yes
				Broadleaved (MAGIC)	Yes	2,979	171	259	776	-	171	257	343	Yes
96	LNR	Wensum Valley (Mile Cross Marsh and Sycamore Crescent)	160	-	Yes	1,627	2,410	-	6,980	-	-	-	-	No
	SSSI	Sweetbriar Road Meadows, Norwich	195	Cynosurus Cristatus - Caltha Palustris Grassland	No	1,627	3,424	-	8,406	-	-	-	4,604	No
				Cynosurus Cristatus - Caltha Palustris Grassland	No	1,627	3,424	-	8,406	-	-	-	4,604	No
				Glyceria Maxima Swamp	No	1,627	3,424	2,802	8,406	-	-	-	-	No
114	Ancient woodland	Unnamed (ID 6)	0	Broadleaved (MAGIC)	Yes	5,661	120	91	274	-	71	106	142	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
	Ancient woodland	Smeeth Wood	30	Broadleaved (MAGIC)	Yes	5,661	732	938	2,814	-	511	766	1,021	Yes
121	SSSI	Eaton Chalk Pit	175	Mixed Species	No	2,200	2,917	-	7,693	-	-	-	-	No
125	LNR	Danby Wood	43	-	Yes	3,112	732	-	2,814	-	-	-	-	Yes
	LNR	Marston Marshes	105	-	Yes	3,112	1,620	-	5,372	-	-	-	-	Yes
129	SSSI	Caistor St. Edmund Chalk Pit**	195	N/A**										No
133	SSSI	River Wensum	0	Carex Acutiformis Swamp	No	133	120	91	274	-	-	-	-	Yes
				Carex Paniculata Swamp	No	133	120	91	274	-	-	177	236	Yes
				Glyceria Maxima Swamp	No	133	120	91	274	-	-	-	-	Yes
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	No	133	120	91	274	-	-	177	236	Yes
				Phragmites Australis Swamp And Reed-Beds	No	133	120	91	274	-	-	177	236	Yes
				Austropotamobius pallipes	No	133	120	-	274	-	-	-	-	Yes
				Vertigo moulinsiana	No	133	120	-	274	-	-	-	-	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	No	133	120	91	274	-	-	-	-	Yes
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	No	133	120	-	274	-	-	-	-	Yes
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	No	133	120	-	274	-	-	-	-	Yes
				Lampetra planeri - Brook lamprey (S1096)	No	133	120	-	274	-	-	-	-	Yes
				Cottus gobio - Bullhead (S1163)	No	133	120	-	274	-	-	-	-	Yes
136	SSSI	Alderford Common	0*	Cynosurus Cristatus - Centaurea Nigra Grassland	No	133	120	-	274	-	-	-	236	Yes
				Cynosurus Cristatus - Centaurea Nigra Grassland	No	133	120	-	274	-	-	-	236	Yes
				Mixed: scrub, woodland	No	133	-	-	-	-	-	-	-	No
138	SSSI	Alderford Common	0	Cynosurus Cristatus - Centaurea Nigra Grassland	No	132	120	-	274	-	-	-	236	Yes

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Cynosurus Cristatus - Centaurea Nigra Grassland	No	132	120	-	274	-	-	-	236	Yes
				Mixed: scrub, woodland	No	132	-	-	-	-	-	-	-	No
150	SSSI	River Wensum	65	Carex Acutiformis Swamp	No	60	917	1,145	3,434	-	-	-	-	No
				Carex Paniculata Swamp	No	60	917	1,145	3,434	-	-	1,587	2,116	No
				Glyceria Maxima Swamp	No	60	917	1,145	3,434	-	-	-	-	No
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	No	60	917	1,145	3,434	-	-	1,587	2,116	No
				Phragmites Australis Swamp And Reed-Beds	No	60	917	1,145	3,434	-	-	1,587	2,116	No
				Austropotamobius pallipes	No	60	917	-	3,434	-	-	-	-	No
				Vertigo moulinsiana	No	60	917	-	3,434	-	-	-	-	No
	SAC	River Wensum	65	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	No	60	917	1,145	3,434	-	-	-	-	No

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	Woodland Present	SEP and DEP AADT Change[2]	AADT Required for 1% Critical Level or Load Increase (see Table 22.18 and Table 22.19 of Chapter 22)							Further assessment required?
	Site Type	Name					NOx	NH_3		N-dep				
							30 $\mu g.m^{-3}$	1 $\mu g.m^{-3}$	3 $\mu g.m^{-3}$	5 $kgN.ha^{-1}.yr^{-1}$	10 $kgN.ha^{-1}.yr^{-1}$	15 $kgN.ha^{-1}.yr^{-1}$	20 $kgN.ha^{-1}.yr^{-1}$	
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	No	60	917	-	3,434	-	-	-	-	No
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	No	60	917	-	3,434	-	-	-	-	No
				Lampetra planeri - Brook lamprey (S1096)	No	60	917	-	3,434	-	-	-	-	No
				Cottus gobio - Bullhead (S1163)	No	60	917	-	3,434	-	-	-	-	No

[1]Feature name(s) may be repeated in the table as a feature may have more than one nitrogen/acid Critical Load classes within them
[2]AADT change shown are inclusive of Project-generated traffic, in-combination traffic growth (from 2019 to 2025) and any relevant cumulative project traffic
*Road goes over/through designated site boundary. However, sensitive habitats may not be located this close to the road/be present.
**Excluded from assessment as not sensitive to air quality impacts.
***Excluded from the assessment as the only habitats present within 200m of the road are mudflats (as per the Priority Habitat Inventory (England), Natural England (2021)) and these are not listed as sensitive under the sites designation.
****Excluded from the assessment as the site boundary is 197m from road; however, habitats are greater than 200m from road (Natural England, 2021).

8. As can be seen from **Table 22.5.1** and

9. **Table** 22.5.2, the AADT representative of a 1% increase in Critical Level or Load differ (even at the same distance from the roads edge) for NOx, NH_3 and N-dep. Therefore, not every pollutant has been brought forward for further assessment for each feature.

22.5.4 Stage 3: Quantification of Critical Level and Critical Load Concentrations for Ecological Receptors Screened in for Further Assessment

10. The following sections and tables present the impact of Project-generated and in-combination traffic flows on ecological receptors within the air quality study area. In-combination results are also inclusive of in-combination industrial and agricultural projects, where relevant.

SEP or DEP in Isolation – Project Alone and In-combination

Table 22.5.3: SEP or DEP in Isolation – NOx, NH_3, N-dep and Acid Deposition Results

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
4	Ancient woodland	Bullfer Grove	155	Broadleaved (MAGIC)	-	-	0.013	0.001	-	-	-	0.1%	0.1%	0.0%	0.0%
	Ancient woodland	Pereers Wood	20	Broadleaved (MAGIC)	0.117	0.003	0.046	0.003	0.4%	0.3%	0.1%	0.5%	0.2%	0.2%	0.2%
10	SSSI	Kelling Heath	0*	*Calluna Vulgaris - Ulex Gallii* Heath	0.143	0.006	0.049	0.003	0.5%	0.6%	0.2%	0.5%	0.2%	0.2%	0.1%
11	Ancient woodland	Oak Wood	0.5	Broadleaved (MAGIC)	0.154	0.007	0.087	0.006	0.5%	0.7%	0.2%	0.9%	0.4%	0.5%	0.5%
13	Ancient woodland	Unnamed (ID 1)	0	Broadleaved (MAGIC)	0.421	0.018	0.238	0.017	**1.4%**	**1.8%**	0.6%	**2.4%**	**1.2%**	0.9%	0.9%
	SSSI	Felbrigg Wood	0	*Fagus Sylvatica - Deschampsia Flexuosa* Woodland	0.421	0.018	0.238	0.017	**1.4%**	**1.8%**	0.6%	**2.4%**	**1.2%**	**1.3%**	0.9%
			0	Combinations of species - lichens	0.421	0.018	-	-	**1.4%**	**1.8%**	**1.8%**	-	-	-	-
			0	Invertebrate assemblage	0.421	0.018	-	-	**1.4%**	**1.8%**	**1.8%**	-	-	-	-
	Ancient woodland	Great Wood	5	Broadleaved (MAGIC)	0.303	0.007	0.098	0.007	**1.0%**	0.7%	0.2%	1.0%	0.5%	0.5%	0.5%
			37	Conifer (MAGIC)	0.074	0.002	0.034	0.002	0.2%	0.2%	0.1%	0.7%	0.2%	0.2%	0.2%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
14	SSSI	Felbrigg Wood	0	*Fagus Sylvatica* - *Deschampsia Flexuosa* Woodland	0.360	0.016	0.203	0.014	**1.2%**	**1.6%**	0.5%	**2.0%**	**1.0%**	**1.1%**	0.8%
20	SSSI	Ant Broads and Marshes	113	Alnus glutinosa - Carex paniculata Woodland	-	-	0.007	0.000	-	-	-	0.1%	0.0%	0.1%	0.0%
				Alnus glutinosa - Urtica dioica Woodland	-	-	0.007	0.000	-	-	-	0.1%	0.0%	0.1%	0.0%
				Salix Cinerea - Betula Pubescens - Phragmites Australis Woodland	-	-	0.007	0.000	-	-	-	0.1%	0.0%	0.1%	0.0%
21	SSSI	Trinity Broads	0	Alnus glutinosa - Carex paniculata Woodland	0.152	0.007	0.086	0.006	0.5%	0.7%	0.2%	0.9%	0.4%	**1.2%**	0.1%
				Cladium Mariscus Swamp And Sedge-Beds	0.152	0.007	0.052	-	0.5%	0.7%	0.2%	0.3%	0.2%	-	-
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.152	0.007	0.052	0.004	0.5%	0.7%	0.2%	0.3%	0.2%	0.7%	0.1%
				Phragmites Australis - Peucedanum	0.152	0.007	0.052	-	0.5%	0.7%	0.2%	0.3%	0.2%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Palustris Tall-Herb Fen											
				Salix Cinerea - Betula Pubescens - Phragmites Australis Woodland	0.152	0.007	0.086	0.006	0.5%	0.7%	0.2%	0.9%	0.4%	**1.2%**	0.1%
				Vascular plant assemblage	0.152	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Vascular plant assemblage	0.152	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Anas clypeata	0.152	-	-	-	0.5%	-	-	-	-	-	-
				Aythya ferina	0.152	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Aythya ferina	0.152	0.007	0.052	-	0.5%	0.2%	0.2%	0.3%	0.2%	-	-
				Aythya fuligula	0.152	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Aythya fuligula	0.152	0.007	0.052	-	0.5%	0.2%	0.2%	0.3%	0.2%	-	-
				Botaurus stellaris	0.152	0.007	0.052	-	0.5%	0.2%	0.2%	0.3%	0.2%	-	-
				Circus aeruginosus	0.152	0.007	0.052	-	0.5%	0.2%	0.2%	0.3%	0.2%	-	-
				Invertebrate assemblage	0.152	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Lowland open waters and their margins	0.152	0.007	-	-	0.5%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Lutra lutra	0.152	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
	SAC	The Broads	0	Alkaline fens	0.152	0.007	0.052	-	0.5%	0.7%	0.7%	0.3%	0.2%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.152	0.007	0.052	-	0.5%	0.7%	0.7%	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.152	0.007	0.052	-	0.5%	0.7%	0.2%	0.3%	0.2%	-	-
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	0.152	0.007	0.052	-	0.5%	0.7%	0.2%	-	-	-	-
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	0.152	0.007	0.052	0.004	0.5%	0.7%	0.2%	0.3%	0.2%	0.7%	0.1%
				Natural eutrophic lakes with Magnopotamion or	0.152	0.007	0.052	-	0.5%	0.7%	0.2%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Hydrocharition - type vegetation											
				Transition mires and quaking bogs	0.152	-	0.052	0.004	0.5%	-	-	0.5%	0.3%	0.7%	0.7%
				Liparis loeselii	0.152	0.007	0.052	0.004	0.5%	0.2%	0.2%	0.5%	0.3%	0.1%	0.1%
				Anisus vorticulus	0.152	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Lutra lutra	0.152	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Vertigo moulinsiana	0.152	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
25	SSSI	Breydon Water	1	Zostera Communities	0.466	0.020	-	-	**1.6%**	**2.0%**	0.7%	-	-	-	-
				Vascular plant assemblage	0.466	0.020	-	-	**1.6%**	0.7%	0.7%	-	-	-	-
				Vascular plant assemblage	0.466	0.020	-	-	**1.6%**	0.7%	0.7%	-	-	-	-
				Anas penelope	0.466	0.020	-	-	**1.6%**	0.7%	0.7%	-	-	-	-
				Anas penelope	0.466	0.020	0.158	-	**1.6%**	0.7%	0.7%	0.8%	0.5%	-	-
				Cygnus columbianus bewickii	0.466	-	-	-	**1.6%**	-	-	-	-	-	-
				Tadorna tadorna	0.466	0.020	0.158	-	**1.6%**	0.7%	0.7%	0.8%	0.5%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
	SPA	Breydon Water	1	Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.466	0.020	-	-	**1.6%**	0.7%	0.7%	-	-	-	-
				Philomachus pugnax (Western Africa - wintering)	0.466	0.020	0.158	0.011	**1.6%**	0.7%	0.7%	0.8%	0.5%	**1.0%**	0.2%
				Philomachus pugnax (Western Africa - wintering)	0.466	0.020	0.158	-	**1.6%**	0.7%	0.7%	0.8%	0.5%	-	-
				Pluvialis apricaria [North-western Europe]	0.466	0.020	0.158	0.011	**1.6%**	0.7%	0.7%	0.8%	0.5%	**1.0%**	0.2%
				Pluvialis apricaria [North-western Europe]	0.466	0.020	0.158	0.011	**1.6%**	0.7%	0.7%	0.8%	0.5%	0.2%	0.2%
				Pluvialis apricaria [North-western Europe]	0.466	0.020	0.158	-	**1.6%**	0.7%	0.7%	0.8%	0.5%	-	-
				Recurvirostra avosetta (Western Europe/Western Mediterranean - breeding)	0.466	0.020	0.158	-	**1.6%**	0.7%	0.7%	0.8%	0.5%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.466	0.020	-	0.011	**1.6%**	0.7%	0.7%	-	-	**1.0%**	0.2%
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.466	0.020	0.158	0.011	**1.6%**	0.7%	0.7%	**1.6%**	**1.1%**	0.2%	0.2%
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.466	0.020	0.158	-	**1.6%**	0.7%	0.7%	**2.0%**	**1.6%**	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.466	0.020	0.158	-	**1.6%**	0.7%	0.7%	**1.6%**	0.8%	-	-
				Vanellus vanellus (Europe - breeding)	0.466	0.020	0.158	-	**1.6%**	0.7%	0.7%	0.8%	0.5%	-	-
	LNR	Breydon Water	1	-	0.466	0.020	-	-	**1.6%**	0.7%	0.7%	-	-	-	-
28	Ancient woodland	Foxburrow Wood	1	Broadleaved (MAGIC)	0.334	0.015	0.189	0.013	**1.1%**	**1.5%**	0.5%	**1.9%**	0.9%	0.7%	0.7%
30	Ancient woodland	Raveningham Covert	0	Broadleaved (MAGIC)	0.947	0.041	0.534	0.037	**3.2%**	**4.1%**	**1.4%**	**5.3%**	**2.7%**	**1.4%**	**1.4%**
	Ancient woodland	Blacks Grove	165	Broadleaved (MAGIC)	0.045	0.002	0.034	0.002	0.2%	0.2%	0.1%	0.3%	0.2%	0.1%	0.1%
	SSSI	Barnby Broad & Marshes	48	Glyceria Maxima Swamp	0.125	0.003	-	-	0.4%	0.3%	0.1%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.125	0.003	0.036	0.003	0.4%	0.3%	0.1%	0.2%	0.1%	0.5%	0.1%
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	0.125	0.003	0.036	0.003	0.4%	0.3%	0.1%	0.2%	0.1%	0.5%	0.1%
				Vascular plant assemblage	0.125	-	-	-	-	-	-	-	-	-	-
				Vascular plant assemblage	0.125	-	-	-	-	-	-	-	-	-	-
	SAC	The Broads	48	Alkaline fens	0.125	0.003	0.036	-	0.4%	0.3%	0.3%	0.2%	0.1%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.125	0.003	-	-	0.4%	0.3%	0.3%	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.125	0.003	0.036	-	0.4%	0.3%	0.1%	0.2%	0.1%	-	-
				Hard oligo-mesotrophic waters with benthic	0.125	0.003	-	-	0.4%	0.3%	0.1%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				vegetation of Chara spp											
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	0.125	0.003	0.036	0.003	0.4%	0.3%	0.1%	0.2%	0.1%	0.5%	0.1%
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	0.125	0.003	-	-	0.4%	0.3%	0.1%	-	-	-	-
				Transition mires and quaking bogs	0.125	0.003	0.036	0.003	0.4%	0.3%	0.3%	0.4%	0.2%	0.5%	0.5%
				Liparis loeselii	0.125	0.003	0.036	0.003	0.4%	0.1%	0.1%	0.4%	0.2%	0.1%	0.0%
				Anisus vorticulus	0.125	-	-	-	0.4%	-	-	-	-	-	-
				Lutra lutra	0.125	-	-	-	0.4%	-	-	-	-	-	-
				Vertigo moulinsiana	0.125	-	-	-	0.4%	-	-	-	-	-	-
	SPA	Broadland	48	Anas clypeata (North-western/Central Europe)	0.125	-	-	-	0.4%	-	-	-	-	-	-
				Anas penelope (Western	0.125	-	-	-	0.4%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Siberia/North-western/North-eastern Europe)											
				Anas penelope (Western Siberia/North-western/North-eastern Europe)	0.125	-	0.036	-	0.4%	-	-	0.2%	0.1%	-	-
				Anas strepera (North-western Europe)	0.125	-	-	-	0.4%	-	-	-	-	-	-
				Botaurus stellaris (Europe - breeding)	0.125	-	0.036	-	0.4%	-	-	0.2%	0.1%	-	-
				Circus aeruginosus	0.125	-	0.036	-	0.4%	-	-	0.2%	0.1%	-	-
				Circus cyaneus	0.125	-	0.036	0.003	0.4%	-	-	0.4%	0.2%	0.3%	0.0%
				Circus cyaneus	0.125	-	0.036	-	0.4%	-	-	0.2%	0.1%	-	-
				Circus cyaneus	0.125	-	0.036	-	0.4%	-	-	0.2%	0.1%	-	-
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.125	-	-	-	0.4%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.125	-	-	-	0.4%	-	-	-	-	-	-
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.125	-	-	-	0.4%	-	-	-	-	-	-
				Cygnus cygnus (Iceland/UK/Ireland)	0.125	-	-	-	0.4%	-	-	-	-	-	-
				Cygnus cygnus (Iceland/UK/Ireland)	0.125	-	-	-	0.4%	-	-	-	-	-	-
				Philomachus pugnax (Western Africa - wintering)	0.125	-	0.036	0.003	0.4%	-	-	0.2%	0.1%	0.5%	0.1%
				Philomachus pugnax (Western Africa - wintering)	0.125	-	0.036	0.003	0.4%	-	-	0.2%	0.1%	0.1%	0.0%
				Philomachus pugnax (Western Africa - wintering)	0.125	-	0.036	-	0.4%	-	-	0.2%	0.1%	-	-
31	LNR	Whitlingham	25	-	0.192	0.005	-	-	0.6%	0.2%	0.2%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
	LNR	Whitlingham	1	-	0.875	0.038	-	-	**2.9%**	**1.3%**	**1.3%**	-	-	-	-
	LNR	Whitlingham Marsh, Whitlingham	0	-	0.875	0.038	-	-	**2.9%**	**1.3%**	**1.3%**	-	-	-	-
34	SSSI	Damgate Marshes, Acle	0	Vascular plant assemblage - Vascular Plant Assemblage	0.707	0.031	-	-	**2.4%**	**1.0%**	**1.0%**	-	-	-	-
	SAC	The Broads	0	Alkaline fens	0.707	0.031	0.240	-	**2.4%**	**3.1%**	**3.1%**	**1.6%**	0.8%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.707	0.031	-	-	**2.4%**	**3.1%**	**3.1%**	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.707	0.031	0.240	-	**2.4%**	**3.1%**	**1.0%**	**1.6%**	0.8%	-	-
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	0.707	0.031	-	-	**2.4%**	**3.1%**	**1.0%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	0.707	0.031	0.240	0.017	**2.4%**	**3.1%**	**1.0%**	**1.6%**	1.0%	**3.1%**	0.4%
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	0.707	0.031	-	-	**2.4%**	**3.1%**	**1.0%**	-	-	-	-
				Transition mires and quaking bogs	0.707	0.031	0.240	0.017	**2.4%**	**3.1%**	**3.1%**	**2.4%**	**1.6%**	**3.4%**	**3.2%**
				Liparis loeselii	0.707	0.031	0.240	0.017	**2.4%**	**1.0%**	**1.0%**	**2.4%**	**1.2%**	0.3%	0.3%
				Anisus vorticulus	0.707	0.031	-	-	**2.4%**	**1.0%**	**1.0%**	-	-	-	-
				Lutra lutra	0.707	0.031	-	-	**2.4%**	**1.0%**	**1.0%**	-	-	-	-
				Vertigo moulinsiana	0.707	0.031	-	-	**2.4%**	**1.0%**	**1.0%**	-	-	-	-
	SSSI	Breydon Water	35	Zostera Communities	0.124	0.003	-	-	0.4%	0.3%	0.1%	-	-	-	-
				Vascular plant assemblage	0.124	0.003	-	-	0.4%	0.1%	0.1%	-	-	-	-
				Vascular plant assemblage	0.124	0.003	-	-	0.4%	0.1%	0.1%	-	-	-	-
				Anas penelope	0.124	0.003	-	-	0.4%	0.1%	0.1%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Anas penelope	0.124	0.003	0.033	-	0.4%	0.1%	0.1%	0.2%	0.1%	-	-
				Cygnus columbianus bewickii	0.124	-	-	-	0.4%	-	-	-	-	-	-
				Tadorna tadorna	0.124	0.003	0.033	-	0.4%	0.1%	0.1%	0.2%	0.1%	-	-
	SPA	Breydon Water	35	Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.124	0.003	-	0.002	0.4%	0.1%	0.1%	-	-	0.2%	0.1%
				Philomachus pugnax (Western Africa - wintering)	0.124	0.003	0.033	-	0.4%	0.1%	0.1%	0.2%	0.1%	-	-
				Philomachus pugnax (Western Africa - wintering)	0.124	0.003	0.033	-	0.4%	0.1%	0.1%	0.2%	0.1%	-	-
				Pluvialis apricaria [North-western Europe]	0.124	0.003	0.033	0.002	0.4%	0.1%	0.1%	0.2%	0.1%	0.2%	0.1%
				Pluvialis apricaria [North-western Europe]	0.124	0.003	0.033	0.002	0.4%	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Pluvialis apricaria [North-western Europe]	0.124	0.003	0.033	-	0.4%	0.1%	0.1%	0.2%	0.1%	-	-
				Recurvirostra avosetta (Western Europe/Western Mediterranean - breeding)	0.124	0.003	0.033	-	0.4%	0.1%	0.1%	0.2%	0.1%	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.124	0.003	-	0.002	0.4%	0.1%	0.1%	-	-	0.2%	0.1%
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.124	0.003	0.033	0.002	0.4%	0.1%	0.1%	0.3%	0.2%	0.0%	0.0%
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.124	0.003	0.033	-	0.4%	0.1%	0.1%	0.4%	0.3%	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.124	0.003	0.033	-	0.4%	0.1%	0.1%	0.3%	0.2%	-	-
				Vanellus vanellus (Europe - breeding)	0.124	0.003	0.033	-	0.4%	0.1%	0.1%	0.2%	0.1%	-	-
	LNR	Breydon Water	40	-	0.122	0.003	-	-	0.4%	0.1%	0.1%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
35	Ancient woodland	Unnamed (ID 2)	105	Unknown, assumed conifer as worst case	0.056	-	0.033	0.002	0.2%	-	-	0.7%	0.2%	0.1%	0.1%
40	Ancient woodland	Unnamed (ID 3)	17	Broadleaved (MAGIC)	0.271	0.006	0.105	0.007	0.9%	0.6%	0.2%	1.1%	0.5%	0.4%	0.4%
	Ancient woodland	Sprowston Wood	75	Conifer (MAGIC)	0.085	0.002	0.044	0.003	0.3%	0.2%	0.1%	0.9%	0.3%	0.2%	0.2%
43	Ancient woodland	Unnamed (ID 4)	160	Broadleaved (MAGIC)	-	-	0.019	0.001	-	-	-	0.2%	0.1%	0.1%	0.1%
49	SSSI	Buxton Heath	50	Calluna Vulgaris - Ulex Gallii Heath	0.086	-	-	0.002	0.3%	-	-	-	-	0.2%	0.1%
				Erica Tetralix - Sphagnum Compactum Wet Heath	0.086	-	-	0.002	0.3%	-	-	-	-	0.2%	0.1%
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.086	-	-	0.002	0.3%	-	-	-	-	0.3%	0.2%
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	0.086	-	-	0.002	0.3%	-	-	-	-	0.3%	0.2%
				Schoenus Nigricans - Juncus Subnodulosus Mire	0.086	-	-	-	0.3%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Invertebrate assemblage	0.086	-	-	-	0.3%	-	-	-	-	-	-
				Plebejus argus	0.086	-	-	-	0.3%	-	-	-	-	-	-
	SAC	Norfolk Valley Fens	50	Alkaline fens	0.086	-	0.025	-	0.3%	-	-	0.2%	0.1%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.086	-	-	-	0.3%	-	-	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.086	-	0.025	-	0.3%	-	-	0.2%	0.1%	-	-
				European dry heaths	0.086	-	0.025	0.002	0.3%	-	-	0.2%	0.1%	0.2%	0.0%
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	0.086	-	0.025	0.002	0.3%	-	-	0.2%	0.1%	0.3%	0.0%
				Northern Atlantic wet heaths with Erica tetralix	0.086	-	0.025	0.002	0.3%	-	-	0.2%	0.1%	0.2%	0.0%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	0.086	-	0.025	0.002	0.3%	-	-	0.2%	0.1%	0.0%	0.0%
				Vertigo angustior	0.086	-	-	0.002	0.3%	-	-	-	-	0.0%	0.0%
				Vertigo angustior	0.086	-	0.025	-	0.3%	-	-	0.5%	0.2%	-	-
				Vertigo moulinsiana	0.086	-	-	-	0.3%	-	-	-	-	-	-
	Ancient woodland	Great Wood	160	Conifer (MAGIC)	-	-	0.023	0.002	-	-	-	0.5%	0.2%	0.1%	0.1%
51	SSSI	Cawston and Marsham Heaths	90	Calluna Vulgaris - Ulex Gallii Heath	0.071	0.002	0.022	0.002	0.2%	0.2%	0.1%	0.2%	0.1%	0.1%	0.1%
59	SSSI	Holt Lowes	0	Calluna Vulgaris - Ulex Gallii Heath	0.318	0.014	0.108	0.008	**1.1%**	**1.4%**	0.5%	**1.1%**	0.5%	0.5%	0.4%
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.318	0.014	0.108	0.008	**1.1%**	**1.4%**	0.5%	0.7%	0.4%	**1.1%**	0.7%
				Schoenus Nigricans - Juncus Subnodulosus Mire	0.318	0.014	0.108	-	**1.1%**	**1.4%**	**1.4%**	0.7%	0.4%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Schoenus Nigricans - Narthecium Ossifragum Mire	0.318	0.014	0.108	0.008	**1.1%**	**1.4%**	**1.4%**	**1.1%**	0.7%	**1.4%**	**1.4%**
				Invertebrate assemblage	0.318	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-
	SAC	Norfolk Valley Fens	0	Alkaline fens	0.318	0.014	0.108	-	**1.1%**	**1.4%**	**1.4%**	0.7%	0.4%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.318	0.014	-	-	**1.1%**	**1.4%**	**1.4%**	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.318	0.014	0.108	-	**1.1%**	**1.4%**	0.5%	0.7%	0.4%	-	-
				European dry heaths	0.318	0.014	0.108	0.008	**1.1%**	**1.4%**	**1.4%**	**1.1%**	0.5%	0.9%	0.2%
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	0.318	0.014	0.108	0.008	**1.1%**	**1.4%**	0.5%	0.7%	0.4%	**1.3%**	0.2%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Northern Atlantic wet heaths with Erica tetralix	0.318	0.014	0.108	0.008	**1.1%**	**1.4%**	**1.4%**	**1.1%**	0.5%	0.9%	0.2%
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	0.318	0.014	0.108	0.008	**1.1%**	**1.4%**	**1.4%**	0.7%	0.4%	0.2%	0.1%
				Vertigo angustior	0.318	0.014	0.108	0.008	**1.1%**	0.5%	0.5%	0.5%	0.4%	0.2%	0.2%
				Vertigo angustior	0.318	0.014	0.108	-	**1.1%**	0.5%	0.5%	**2.2%**	**1.1%**	-	-
				Vertigo moulinsiana	0.318	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-
79	SSSI	River Wensum	0	Carex Acutiformis Swamp	0.714	0.031	-	-	**2.4%**	**3.1%**	**1.0%**	-	-	-	-
				Carex Paniculata Swamp	0.714	0.031	0.243	-	**2.4%**	**3.1%**	**1.0%**	**1.6%**	0.8%	-	-
				Glyceria Maxima Swamp	0.714	0.031	-	-	**2.4%**	**3.1%**	**1.0%**	**-**	**-**	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.714	0.031	0.243	-	**2.4%**	**3.1%**	**1.0%**	**1.6%**	0.8%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Phragmites Australis Swamp And Reed-Beds	0.714	0.031	0.243	-	**2.4%**	**3.1%**	**1.0%**	**1.6%**	0.8%	-	-
				Austropotamobius pallipes	0.714	0.031	-	-	**2.4%**	**1.0%**	**1.0%**	-	-	-	-
				Vertigo moulinsiana	0.714	0.031	-	-	**2.4%**	**1.0%**	**1.0%**	-	-	-	-
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	0.714	0.031	-	0.027	**2.4%**	**-**	**-**	-	-	-	-
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	0.714	0.031	-	-	**2.4%**	**1.0%**	**1.0%**	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	0.714	0.031	-	-	**2.4%**	**1.0%**	**1.0%**	-	-	-	-
				Lampetra planeri - Brook lamprey (S1096)	0.714	0.031	-	-	**2.4%**	**1.0%**	**1.0%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Cottus gobio - Bullhead (S1163)	0.714	0.031	-	-	**2.4%**	**1.0%**	**1.0%**	-	-	-	-
80	SSSI	River Wensum	0	Carex Acutiformis Swamp	0.274	0.012	-	-	0.9%	**1.2%**	0.4%	-	-	-	-
				Carex Paniculata Swamp	0.274	0.012	0.093	0.007	0.9%	**1.2%**	0.4%	0.6%	0.3%	-	-
				Glyceria Maxima Swamp	0.274	0.012	-	-	0.9%	**1.2%**	0.4%	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.274	0.012	0.093	0.007	0.9%	**1.2%**	0.4%	0.6%	0.3%	-	-
				Phragmites Australis Swamp And Reed-Beds	0.274	0.012	0.093	0.007	0.9%	**1.2%**	0.4%	0.6%	0.3%	-	-
				Austropotamobius pallipes	0.274	0.012	-	-	0.9%	0.4%	0.4%	-	-	-	-
				Vertigo moulinsiana	0.274	0.012	-	-	0.9%	0.4%	0.4%	-	-	-	-
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	0.274	0.012	-	-	0.9%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	0.274	0.012	-	-	0.9%	0.4%	0.4%	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	0.274	0.012	-	-	0.9%	0.4%	0.4%	-	-	-	-
				Lampetra planeri - Brook lamprey (S1096)	0.274	0.012	-	-	0.9%	0.4%	0.4%	-	-	-	-
				Cottus gobio - Bullhead (S1163)	0.274	0.012	-	-	0.9%	0.4%	0.4%	-	-	-	-
	SSSI	River Wensum	110	Carex Acutiformis Swamp	0.021	-	-	-	0.1%	-	-	-	-	-	-
				Carex Paniculata Swamp	0.021	-	-	-	0.1%	-	-	-	-	-	-
				Glyceria Maxima Swamp	0.021	-	-	-	0.1%	-	-	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.021	-	-	-	0.1%	-	-	-	-	-	-
				Phragmites Australis Swamp And Reed-Beds	0.021	-	-	-	0.1%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution											
					Concentration or Flux				% of Critical Level or Critical Load							
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.		
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Austropotamobius pallipes	0.021	-	-	-	0.1%	-	-	-	-	-	-
				Vertigo moulinsiana	0.021	-	-	-	0.1%	-	-	-	-	-	-
	SAC	River Wensum	110	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	0.021	-	-	-	0.1%	-	-	-	-	-	-
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	0.021	-	-	-	0.1%	-	-	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	0.021	-	-	-	0.1%	-	-	-	-	-	-
				Lampetra planeri - Brook lamprey (S1096)	0.021	-	-	-	0.1%	-	-	-	-	-	-
				Cottus gobio - Bullhead (S1163)	0.021	-	-	-	0.1%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
85	Ancient woodland	Mouse Wood	0	Unknown, assumed conifer as a worst case	0.262	0.011	0.148	0.010	0.9%	**1.1%**	0.4%	**2.9%**	1.0%	0.1%	0.1%
86	SSSI	Holly Farm Meadow, Wendling	7	Cynosurus Cristatus - Caltha Palustris Grassland	0.438	0.010	0.086	0.006	**1.5%**	0.3%	0.3%	0.4%	0.3%	0.9%	0.1%
				Cynosurus Cristatus - Caltha Palustris Grassland	0.438	0.010	0.086	0.006	**1.5%**	0.3%	0.3%	0.4%	0.3%	0.1%	0.1%
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.438	0.010	0.086	0.006	**1.5%**	1.0%	0.3%	0.6%	0.3%	0.9%	0.1%
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.438	0.010	0.086	-	**1.5%**	1.0%	0.3%	0.6%	0.3%	-	-
	SSSI	Potter & Scarning Fens, East Dereham	1	Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.756	0.033	0.257	0.018	**2.5%**	**3.3%**	**1.1%**	**1.7%**	0.9%	0.4%	0.4%
				Schoenus Nigricans - Juncus Subnodulosus Mire	0.756	0.033	0.257	-	**2.5%**	**3.3%**	**1.1%**	**1.7%**	0.9%	-	-
				Ceriagrion tenellum	0.756	-	-	-	**2.5%**	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Invertebrate assemblage	0.756	0.033	-	-	**2.5%**	**1.1%**	**1.1%**	**-**	-	-	-
	SAC	Norfolk Valley Fens	<5	Alkaline fens	0.756	0.033	0.257	-	**2.5%**	**3.3%**	**3.3%**	**1.7%**	0.9%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.756	0.033	-	-	**2.5%**	**3.3%**	**3.3%**	**-**	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.756	0.033	0.257	-	**2.5%**	**3.3%**	**3.3%**	**1.7%**	0.9%	-	-
				European dry heaths	0.756	0.033	0.257	0.018	**2.5%**	**3.3%**	**3.3%**	**2.5%**	**1.3%**	**2.0%**	0.4%
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	0.756	0.033	0.257	0.018	**2.5%**	**3.3%**	**1.1%**	**1.7%**	**1.0%**	**3.0%**	0.4%
				Northern Atlantic wet heaths with Erica tetralix	0.756	0.033	0.257	0.018	**2.5%**	**3.3%**	**3.3%**	**2.5%**	**1.3%**	**2.0%**	0.4%
				Semi-natural dry grasslands and	0.756	0.033	0.257	0.018	**2.5%**	**3.3%**	**3.3%**	**1.7%**	**1.0%**	0.4%	0.4%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)											
				Vertigo angustior	0.756	0.033	0.257	0.018	**2.5%**	**1.1%**	**1.1%**	**1.3%**	0.9%	0.4%	0.4%
				Vertigo angustior	0.756	0.033	0.257	-	**2.5%**	**1.1%**	**1.1%**	**5.1%**	**2.6%**	-	-
				Vertigo moulinsiana	0.756	0.033	-	-	**2.5%**	**1.1%**	**1.1%**	**-**	-	-	-
87	SSSI	East Winch Common	0	Calluna Vulgaris - Festuca Ovina Heath	0.654	0.029	0.222	0.016	**2.2%**	**2.9%**	**2.9%**	**2.2%**	**1.1%**	**1.6%**	0.3%
				Erica Tetralix - Sphagnum Compactum Wet Heath	0.654	0.029	0.222	0.016	**2.2%**	**2.9%**	**2.9%**	**2.2%**	**1.1%**	**1.6%**	0.3%
88	Ancient woodland	Reffley Wood	5	Conifer (MAGIC)	0.336	0.007	0.108	0.008	**1.1%**	0.7%	0.2%	**2.2%**	0.7%	0.1%	0.1%
				Broadleaved (MAGIC)	0.336	0.007	0.108	0.008	**1.1%**	0.7%	0.2%	**1.1%**	0.5%	0.1%	0.1%
114	Ancient woodland	Unnamed (ID 6)	0	Broadleaved (MAGIC)	0.522	0.023	0.294	0.021	**1.7%**	**2.3%**	0.8%	**2.9%**	**1.5%**	0.8%	0.8%
	Ancient woodland	Smeeth Wood	30	Broadleaved (MAGIC)	0.092	0.002	0.042	0.003	0.3%	0.2%	0.1%	0.4%	0.2%	0.1%	0.1%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
125	LNR	Danby Wood	43	-	0.054	-	-	-	0.2%	-	-	-	-	-	-
	LNR	Marston Marshes	105	-	0.023	-	-	-	0.1%	-	-	-	-	-	-
133	SSSI	River Wensum	0	Carex Acutiformis Swamp	0.039	0.002	-	0.001	0.1%	0.2%	0.1%	-	-	-	-
				Carex Paniculata Swamp	0.039	0.002	-	-	0.1%	0.2%	0.1%	-	-	-	-
				Glyceria Maxima Swamp	0.039	0.002	-	-	0.1%	0.2%	0.1%	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.039	0.002	-	-	0.1%	0.2%	0.1%	-	-	-	-
				Phragmites Australis Swamp And Reed-Beds	0.039	0.002	-	-	0.1%	0.2%	0.1%	-	-	-	-
				Austropotamobius pallipes	0.039	0.002	-	-	0.1%	0.1%	0.1%	-	-	-	-
				Vertigo moulinsiana	0.039	0.002	-	-	0.1%	0.1%	0.1%	-	-	-	-
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-	0.039	0.002	-	0.001	0.1%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Batrachion vegetation (H3260)											
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	0.039	0.002	-	-	0.1%	0.1%	0.1%	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	0.039	0.002	-	-	0.1%	0.1%	0.1%	-	-	-	-
				Lampetra planeri - Brook lamprey (S1096)	0.039	0.002	-	-	0.1%	0.1%	0.1%	-	-	-	-
				Cottus gobio - Bullhead (S1163)	0.039	0.002	-	-	0.1%	0.1%	0.1%	-	-	-	-
136	SSSI	Alderford Common	0*	Cynosurus Cristatus - Centaurea Nigra Grassland	0.039	-	-	0.001	0.1%	-	-	-	-	0.1%	0.1%
				Cynosurus Cristatus - Centaurea Nigra Grassland	0.039	-	-	0.001	0.1%	-	-	-	-	0.0%	0.0%

[1]Feature name(s) may be repeated in the table as a feature may have more than one nitrogen/acid Critical Load classes within them
*Road goes over/through designated site boundary. However, sensitive habitats may not be located this close to the road/be present.

Table 22.5.4: SEP or DEP in Isolation – NOx, NH_3, N-dep and Acid Deposition In-combination Results

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
					NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
	Site Type	Name			µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
4	Ancient woodland	Bullfer Grove	155	Broadleaved (MAGIC)	-	-	0.168	0.012	-	-	-	1.7%	0.8%	0.1%	0.1%
	Ancient woodland	Pereers Wood	20	Broadleaved (MAGIC)	1.536	0.036	0.596	0.042	5.1%	3.6%	1.2%	6.0%	3.0%	2.3%	2.3%
10	SSSI	Kelling Heath	0*	*Calluna Vulgaris - Ulex Gallii* Heath	0.806	0.035	0.274	0.019	2.7%	3.5%	1.2%	2.7%	1.4%	1.4%	0.4%
11	Ancient woodland	Oak Wood	0.5	Broadleaved (MAGIC)	1.945	0.085	1.097	0.077	6.5%	8.5%	2.8%	11.0%	5.5%	6.0%	6.0%
13	Ancient woodland	Unnamed (ID 1)	0	Broadleaved (MAGIC)	6.635	0.289	3.742	0.262	22.1%	28.9%	9.6%	37.4%	18.7%	14.5%	14.5%
	SSSI	Felbrigg Wood	0	*Fagus Sylvatica - Deschampsia Flexuosa* Woodland	6.635	0.289	3.742	0.262	22.1%	28.9%	9.6%	37.4%	18.7%	20.2%	14.2%
			0	Combinations of species - lichens	6.635	0.289	-	-	22.1%	28.9%	28.9%	-	-	-	-
			0	Invertebrate assemblage	6.635	0.289	-	-	22.1%	28.9%	28.9%	-	-	-	-
	Ancient woodland	Great Wood	5	Broadleaved (MAGIC)	4.777	0.104	1.539	0.108	15.9%	10.4%	3.5%	15.4%	7.7%	8.3%	8.3%
			37	Conifer (MAGIC)	1.168	0.030	0.531	0.037	3.9%	3.0%	1.0%	10.6%	3.5%	2.9%	2.9%
14	SSSI	Felbrigg Wood	0	*Fagus Sylvatica - Deschampsia Flexuosa* Woodland	4.730	0.206	2.668	0.187	15.8%	20.6%	6.9%	26.7%	13.3%	14.4%	10.1%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
20	SSSI	Ant Broads and Marshes	113	Alnus glutinosa - Carex paniculata Woodland	-	-	0.151	0.011	-	-	-	1.5%	0.8%	2.0%	0.6%
				Alnus glutinosa - Urtica dioica Woodland	-	-	0.151	0.011	-	-	-	1.5%	0.8%	2.0%	0.6%
				Salix Cinerea - Betula Pubescens - Phragmites Australis Woodland	-	-	0.151	0.011	-	-	-	1.5%	0.8%	2.0%	0.6%
21	SSSI	Trinity Broads	0	Alnus glutinosa - Carex paniculata Woodland	3.912	0.171	2.207	0.154	13.0%	17.1%	5.7%	22.1%	11.0%	29.7%	3.5%
				Cladium Mariscus Swamp And Sedge-Beds	3.912	0.171	1.330	-	13.0%	17.1%	5.7%	8.9%	4.4%	-	-
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	3.912	0.171	1.330	0.093	13.0%	17.1%	5.7%	8.9%	4.4%	16.9%	2.1%
				Phragmites Australis - Peucedanum Palustris Tall-Herb Fen	3.912	0.171	1.330	-	13.0%	17.1%	5.7%	8.9%	4.4%	-	-
				Salix Cinerea - Betula Pubescens -	3.912	0.171	2.207	0.154	13.0%	17.1%	5.7%	22.1%	11.0%	29.7%	3.5%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Phragmites Australis Woodland											
				Vascular plant assemblage	3.912	0.171	-	-	13.0%	5.7%	5.7%	-	-	-	-
				Vascular plant assemblage	3.912	0.171	-	-	13.0%	5.7%	5.7%	-	-	-	-
				Anas clypeata	3.912	-	-	-	13.0%	-	-	-	-	-	-
				Aythya ferina	3.912	0.171	-	-	13.0%	5.7%	5.7%	-	-	-	-
				Aythya ferina	3.912	0.171	1.330	-	13.0%	5.7%	5.7%	6.7%	4.4%	-	-
				Aythya fuligula	3.912	0.171	-	-	13.0%	5.7%	5.7%	-	-	-	-
				Aythya fuligula	3.912	0.171	1.330	-	13.0%	5.7%	5.7%	6.7%	4.4%	-	-
				Botaurus stellaris	3.912	0.171	1.330	-	13.0%	5.7%	5.7%	8.9%	4.4%	-	-
				Circus aeruginosus	3.912	0.171	1.330	-	13.0%	5.7%	5.7%	8.9%	4.4%	-	-
				Invertebrate assemblage	3.912	0.171	-	-	13.0%	5.7%	5.7%	-	-	-	-
				Lowland open waters and their margins	3.912	0.171	-	-	13.0%	-	-	-	-	-	-
				Lutra lutra	3.912	0.171	-	-	13.0%	5.7%	5.7%	-	-	-	-
	SAC	The Broads	0	Alkaline fens	3.912	0.171	1.330	-	13.0%	17.1%	17.1%	8.9%	4.4%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	3.912	0.171	-	-	**13.0%**	**17.1%**	**17.1%**	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	3.912	0.171	1.330	-	**13.0%**	**17.1%**	**5.7%**	**8.9%**	**4.4%**	-	-
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	3.912	0.171	-	-	**13.0%**	**17.1%**	**5.7%**	-	-	-	-
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	3.912	0.171	1.330	0.093	**13.0%**	**17.1%**	**5.7%**	**8.9%**	**5.3%**	**17.2%**	**2.0%**
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	3.912	0.171	-	-	**13.0%**	**17.1%**	**5.7%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Transition mires and quaking bogs	3.912	0.171	1.330	0.093	13.0%	17.1%	17.1%	13.3%	8.9%	18.7%	17.6%
				Liparis loeselii	3.912	0.171	1.330	0.093	13.0%	5.7%	5.7%	13.3%	6.7%	1.9%	1.8%
				Anisus vorticulus	3.912	0.171	-	-	13.0%	5.7%	5.7%	-	-	-	-
				Lutra lutra	3.912	0.171	-	-	13.0%	5.7%	5.7%	-	-	-	-
				Vertigo moulinsiana	3.912	0.171	-	-	13.0%	5.7%	5.7%	-	-	-	-
25	SSSI	Breydon Water	1	Zostera Communities	11.734	0.512	-	-	39.1%	51.2%	17.1%	-	-	-	-
				Vascular plant assemblage	11.734	0.512	-	-	39.1%	17.1%	17.1%	-	-	-	-
				Vascular plant assemblage	11.734	0.512	-	-	39.1%	17.1%	17.1%	-	-	-	-
				Anas penelope	11.734	0.512	-	-	39.1%	17.1%	17.1%	-	-	-	-
				Anas penelope	11.734	0.512	3.990	-	39.1%	17.1%	17.1%	19.9%	13.3%	-	-
				Cygnus columbianus bewickii	11.783	-	-	-	39.1%	-	-	-	-	-	-
				Tadorna tadorna	11.734	0.512	3.990	-	39.1%	17.1%	17.1%	19.9%	13.3%	-	-
	SPA	Breydon Water	1	Cygnus columbianus bewickii (Western Siberia/North-	11.734	0.512	3.990	-	39.1%	17.1%	17.1%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				eastern & North-western Europe)											
				Philomachus pugnax (Western Africa - wintering)	11.734	0.512	3.990	0.279	**39.1%**	**17.1%**	**17.1%**	**19.9%**	**13.3%**	**25.4%**	**6.1%**
				Philomachus pugnax (Western Africa - wintering)	11.734	0.512	3.990	-	**39.1%**	**17.1%**	**17.1%**	**19.9%**	**13.3%**	-	-
				Pluvialis apricaria [North-western Europe]	11.734	0.512	3.990	0.279	**39.1%**	**17.1%**	**17.1%**	**19.9%**	**13.3%**	**25.4%**	**6.1%**
				Pluvialis apricaria [North-western Europe]	11.734	0.512	3.990	0.279	**39.1%**	**17.1%**	**17.1%**	**19.9%**	**13.3%**	**5.8%**	**5.5%**
				Pluvialis apricaria [North-western Europe]	11.734	0.512	3.990	-	**39.1%**	**17.1%**	**17.1%**	**19.9%**	**13.3%**	-	-
				Recurvirostra avosetta (Western Europe/Western Mediterranean - breeding)	11.734	0.512	3.990	-	**39.1%**	**17.1%**	**17.1%**	**19.9%**	**13.3%**	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	11.734	0.512	-	0.279	**39.1%**	**17.1%**	**17.1%**	-	-	**25.3%**	**6.1%**

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Sterna hirundo (Northern/Eastern Europe - breeding)	11.734	0.512	3.990	0.279	**39.1%**	**17.1%**	**17.1%**	**39.9%**	**26.6%**	**5.8%**	**5.5%**
				Sterna hirundo (Northern/Eastern Europe - breeding)	11.734	0.512	3.990	-	**39.1%**	**17.1%**	**17.1%**	**49.9%**	**39.9%**	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	11.734	0.512	3.990	-	**39.1%**	**17.1%**	**17.1%**	**40.1%**	**20.0%**	-	-
				Vanellus vanellus (Europe - breeding)	11.734	0.512	3.990	-	**39.1%**	**17.1%**	**17.1%**	**19.9%**	**13.3%**	-	-
	LNR	Breydon Water	1	-	11.734	0.512	-	-	**39.1%**	**17.1%**	**17.1%**	-	-	-	-
28	Ancient woodland	Foxburrow Wood	1	Broadleaved (MAGIC)	4.692	0.205	2.646	0.185	**15.6%**	**20.5%**	**6.8%**	**26.5%**	**13.2%**	**10.0%**	**10.0%**
30	Ancient woodland	Raveningham Covert	0	Broadleaved (MAGIC)	7.110	0.310	4.010	0.281	**23.7%**	**31.0%**	**10.3%**	**40.1%**	**20.1%**	**10.3%**	**10.3%**
	Ancient woodland	Blacks Grove	165	Broadleaved (MAGIC)	0.341	0.012	0.256	0.018	**1.1%**	**1.2%**	0.4%	**2.6%**	**1.3%**	0.7%	0.7%
	SSSI	Barnby Broad & Marshes	48	Glyceria Maxima Swamp	0.939	0.025	-	-	**3.1%**	**2.5%**	0.8%	-	-	-	-
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.939	0.025	0.270	0.019	**3.1%**	**2.5%**	0.8%	**1.8%**	0.9%	**3.4%**	0.4%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	0.939	0.025	0.270	0.019	**3.1%**	**2.5%**	0.8%	**1.8%**	0.9%	**3.4%**	0.4%
				Vascular plant assemblage	0.939	-	-	-	**3.1%**	**-**	-	**-**	-	-	-
				Vascular plant assemblage	0.939	-	-	-	**3.1%**	**-**	-	**-**	-	-	-
	SAC	The Broads	48	Alkaline fens	0.939	0.025	0.270	-	**3.1%**	**2.5%**	**2.5%**	**1.8%**	0.9%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.939	0.025	-	-	**3.1%**	**2.5%**	**2.5%**	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.939	0.025	0.270	-	**3.1%**	**2.5%**	0.8%	**1.8%**	0.9%	-	-
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	0.939	0.025	-	-	**3.1%**	**2.5%**	0.8%	-	-	-	-
				Molinia meadows on calcareous, peaty or	0.939	0.025	0.270	0.019	**3.1%**	**2.5%**	0.8%	**1.8%**	**1.1%**	**3.5%**	0.4%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				clayey-silt-laden soils (Molinion caeruleae)											
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	0.939	0.025	-	-	**3.1%**	**2.5%**	0.8%	-	-	-	-
				Transition mires and quaking bogs	0.939	0.025	0.270	0.019	**3.1%**	**2.5%**	**2.5%**	**2.7%**	**1.8%**	**3.8%**	**3.6%**
				Liparis loeselii	0.939	0.025	0.270	0.019	**3.1%**	0.8%	0.8%	**2.7%**	**1.4%**	0.4%	0.4%
				Anisus vorticulus	0.939	-	-	-	**3.1%**	-	-	-	-	-	-
				Lutra lutra	0.939	-	-	-	**3.1%**	-	-	-	-	-	-
				Vertigo moulinsiana	0.939	-	-	-	**3.1%**	-	-	-	-	-	-
	SPA	Broadland	48	Anas clypeata (North-western/Central Europe)	0.939	-	-	-	**3.1%**	-	-	-	-	-	-
				Anas penelope (Western Siberia/North-western/North-eastern Europe)	0.939	-	-	-	**3.1%**	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Anas penelope (Western Siberia/North-western/North-eastern Europe)	0.939	-	0.270	-	**3.1%**	-	-	**1.4%**	0.9%	-	-
				Anas strepera (North-western Europe)	0.939	-	-	-	**3.1%**	-	-	-	-	-	-
				Botaurus stellaris (Europe - breeding)	0.939	-	0.270	-	**3.1%**	-	-	**1.8%**	0.9%	-	-
				Circus aeruginosus	0.939	-	0.270	-	**3.1%**	-	-	**1.8%**	0.9%	-	-
				Circus cyaneus	0.939	-	0.270	0.019	**3.1%**	-	-	**2.7%**	**1.4%**	**2.3%**	0.4%
				Circus cyaneus	0.939	-	0.270	-	**3.1%**	-	-	**1.8%**	0.9%	-	-
				Circus cyaneus	0.939	-	0.270	-	**3.1%**	-	-	**1.4%**	0.9%	-	-
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.939	-	-	-	**3.1%**	-	-	-	-	-	-
				Cygnus columbianus bewickii (Western Siberia/North-	0.939	-	-	-	**3.1%**	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				eastern & North-western Europe)											
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.939	-	-	-	**3.1%**	-	-	-	-	-	-
				Cygnus cygnus (Iceland/UK/Ireland)	0.939	-	-	-	**3.1%**	-	-	-	-	-	-
				Cygnus cygnus (Iceland/UK/Ireland)	0.939	-	-	-	**3.1%**	-	-	-	-	-	-
				Philomachus pugnax (Western Africa - wintering)	0.939	-	0.270	0.019	**3.1%**	-	-	**1.4%**	0.9%	**3.5%**	0.4%
				Philomachus pugnax (Western Africa - wintering)	0.939	-	0.270	0.019	**3.1%**	-	-	**1.4%**	0.9%	0.4%	0.4%
				Philomachus pugnax (Western Africa - wintering)	0.939	-	0.270	-	**3.1%**	-	-	**1.4%**	0.9%	-	-
31	LNR	Whitlingham	25	-	3.630	0.092	-	-	**12.1%**	**3.1%**	**3.1%**	-	-	-	-
	LNR	Whitlingham	1	-	16.500	0.719	-	-	**55.0%**	**24.0%**	**24.0%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
	LNR	Whitlingham Marsh, Whitlingham	0	-	16.500	0.719	-	-	**55.0%**	**24.0%**	**24.0%**	-	-	-	-
34	SSSI	Damgate Marshes, Acle**	0	Vascular plant assemblage - Vascular Plant Assemblage	8.261	0.362*	-	-	**27.5%**	**12.1%**	**12.1%**	-	-	-	-
	SAC	The Broads**	0	Alkaline fens	8.261	0.362*	2.820*	-	**27.5%**	**36.2%**	**36.2%**	**18.8%**	**9.4%**	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	8.261	0.362*	-	-	**27.5%**	**36.2%**	**36.2%**	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	8.261	0.362*	2.820*	-	**27.5%**	**36.2%**	**12.1%**	**18.8%**	**9.4%**	-	-
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	8.261	0.362*	-	-	**27.5%**	**36.2%**	**12.1%**	-	-	-	-
				Molinia meadows on calcareous, peaty or	8.261	0.362*	2.820*	0.197	**27.5%**	**36.2%**	**12.1%**	**18.8%**	**11.3%**	**36.4%**	**4.3%**

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				clayey-silt-laden soils (Molinion caeruleae)											
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	8.261	0.362*	-	-	**27.5%**	**36.2%**	**12.1%**	-	-	-	-
				Transition mires and quaking bogs	8.261	0.362*	2.820*	0.197	**27.5%**	**36.2%**	**36.2%**	**28.2%**	**18.8%**	**39.7%**	**37.4%**
				Liparis loeselii	8.261	0.362*	2.820*	0.197	**27.5%**	**12.1%**	**12.1%**	**28.2%**	**14.1%**	**4.1%**	**3.9%**
				Anisus vorticulus	8.261	0.362*	-	-	**27.5%**	**12.1%**	**12.1%**	-	-	-	-
				Lutra lutra	8.261	0.362*	-	-	**27.5%**	**12.1%**	**12.1%**	-	-	-	-
				Vertigo moulinsiana	8.261	0.362*	-	-	**27.5%**	**12.1%**	**12.1%**	-	-	-	-
	SSSI	Breydon Water	35	Zostera Communities	1.454	0.038	-	-	**4.8%**	**3.8%**	**1.3%**	-	-	-	-
				Vascular plant assemblage	1.454	0.038	-	-	**4.8%**	**1.3%**	**1.3%**	-	-	-	-
				Vascular plant assemblage	1.454	0.038	-	-	**4.8%**	**1.3%**	**1.3%**	-	-	-	-
				Anas penelope	1.454	0.038	-	-	**4.8%**	**1.3%**	**1.3%**	-	-	-	-
				Anas penelope	1.454	0.038	0.388	-	**4.8%**	**1.3%**	**1.3%**	**1.9%**	**1.3%**	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Cygnus columbianus bewickii	1.454	-	-	-	**4.8%**	-	-	-	-	-	-
				Tadorna tadorna	1.454	0.038	0.388	-	**4.8%**	**1.3%**	**1.3%**	**1.9%**	**1.3%**	-	-
	SPA	Breydon Water	35	Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	1.454	0.038	-	0.027	**4.8%**	**1.3%**	**1.3%**	-	-	**2.5%**	0.6%
				Philomachus pugnax (Western Africa - wintering)	1.454	0.038	0.388	-	**4.8%**	**1.3%**	**1.3%**	**1.9%**	**1.3%**	-	-
				Philomachus pugnax (Western Africa - wintering)	1.454	0.038	0.388	-	**4.8%**	**1.3%**	**1.3%**	**1.9%**	**1.3%**	-	-
				Pluvialis apricaria [North-western Europe]	1.454	0.038	0.388	0.027	**4.8%**	**1.3%**	**1.3%**	**1.9%**	**1.3%**	**2.5%**	0.6%
				Pluvialis apricaria [North-western Europe]	1.454	0.038	0.388	0.027	**4.8%**	**1.3%**	**1.3%**	**1.9%**	**1.3%**	0.6%	0.5%
				Pluvialis apricaria [North-western Europe]	1.454	0.038	0.388	-	**4.8%**	**1.3%**	**1.3%**	**1.9%**	**1.3%**	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Recurvirostra avosetta (Western Europe/Western Mediterranean - breeding)	1.454	0.038	0.388	-	**4.8%**	**1.3%**	**1.3%**	**1.9%**	**1.3%**	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	1.454	0.038	-	0.027	**4.8%**	**1.3%**	**1.3%**	**-**	**-**	**2.5%**	0.6%
				Sterna hirundo (Northern/Eastern Europe - breeding)	1.454	0.038	0.388	0.027	**4.8%**	**1.3%**	**1.3%**	**3.9%**	**2.6%**	0.6%	0.5%
				Sterna hirundo (Northern/Eastern Europe - breeding)	1.454	0.038	0.388	-	**4.8%**	**1.3%**	**1.3%**	**4.9%**	**3.9%**	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	1.454	0.038	0.388	-	**4.8%**	**1.3%**	**1.3%**	**3.9%**	**1.9%**	-	-
				Vanellus vanellus (Europe - breeding)	1.454	0.038	0.388	-	**4.8%**	**1.3%**	**1.3%**	**1.9%**	**1.3%**	-	-
	LNR	Breydon Water	40	-	1.454	0.038	-	-	**4.8%**	**1.3%**	**1.3%**	**-**	**-**	-	-
35	Ancient woodland	Unnamed (ID 2)	105	Unknown, assumed conifer as worst case	0.737	0.022	0.427	0.030	**2.5%**	**2.2%**	0.7%	**8.5%**	**2.8%**	**1.7%**	**1.7%**
40	Ancient woodland	Unnamed (ID 3)	17	Broadleaved (MAGIC)	3.217	0.076	1.248	0.087	**10.7%**	**7.6%**	**2.5%**	**12.5%**	**6.2%**	**5.0%**	**5.0%**

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
	Ancient woodland	Sprowston Wood	75	Conifer (MAGIC)	1.014	0.028	0.526	0.037	**3.4%**	**2.8%**	0.9%	**10.5%**	**3.5%**	**2.1%**	**2.1%**
43	Ancient woodland	Unnamed (ID 4)	160	Broadleaved (MAGIC)	-	-	0.196	0.014	-	-	-	**2.0%**	1.0%	**1.3%**	**1.3%**
49	SSSI	Buxton Heath	50	Calluna Vulgaris - Ulex Gallii Heath	0.567	-	-	0.011	**1.9%**	-	-	-	-	**1.3%**	0.6%
				Erica Tetralix - Sphagnum Compactum Wet Heath	0.567	-	-	0.011	**1.9%**	-	-	-	-	**1.3%**	0.6%
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.567	-	-	0.011	**1.9%**	-	-	-	-	**1.9%**	**1.1%**
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	0.567	-	-	0.011	**1.9%**	-	-	-	-	**1.9%**	**1.1%**
				Schoenus Nigricans - Juncus Subnodulosus Mire	0.567	-	-	-	**1.9%**	-	-	-	-	-	-
				Invertebrate assemblage	0.567	-	-	-	**1.9%**	-	-	-	-	-	-
				Plebejus argus	0.567	-	-	-	**1.9%**	-	-	-	-	-	-
	SAC		50	Alkaline fens	0.567	-	0.163	-	**1.9%**	-	-	**1.1%**	0.5%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
		Norfolk Valley Fens		Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.567	-	-	-	**1.9%**	-	-	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.567	-	0.163	-	**1.9%**	-	-	**1.1%**	0.5%	-	-
				European dry heaths	0.567	-	0.163	0.011	**1.9%**	-	-	**1.6%**	0.8%	**1.3%**	0.2%
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	0.567	-	0.163	0.011	**1.9%**	-	-	**1.1%**	0.7%	**1.9%**	0.3%
				Northern Atlantic wet heaths with Erica tetralix	0.567	-	0.163	0.011	**1.9%**	-	-	**1.6%**	0.8%	**1.3%**	0.2%
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (*	0.567	-	0.163	0.011	**1.9%**	-	-	**1.1%**	0.7%	0.2%	0.2%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				important orchid sites)											
				Vertigo angustior	0.567	-	-	0.011	1.9%	-	-	-	-	0.2%	0.2%
				Vertigo angustior	0.567	-	0.163	-	1.9%	-	-	3.3%	1.6%	-	-
				Vertigo moulinsiana	0.567	-	-	-	1.9%	-	-	-	-	-	-
	Ancient woodland	Great Wood	160	Conifer (MAGIC)	-	-	0.155	0.011	-	-	-	3.1%	1.0%	0.9%	0.9%
51	SSSI	Cawston and Marsham Heaths	90	Calluna Vulgaris - Ulex Gallii Heath	0.478	0.013	0.146	0.010	1.6%	1.3%	0.4%	1.5%	0.7%	0.8%	0.6%
59	SSSI	Holt Lowes	0	Calluna Vulgaris - Ulex Gallii Heath	2.958	0.129	1.006	0.070	9.9%	12.9%	4.3%	10.1%	5.0%	5.1%	4.0%
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	2.958	0.129	1.006	0.070	9.9%	12.9%	4.3%	6.7%	3.4%	9.9%	6.3%
				Schoenus Nigricans - Juncus Subnodulosus Mire	2.958	0.129	1.006	-	9.9%	12.9%	12.9%	6.7%	3.4%	-	-
				Schoenus Nigricans - Narthecium Ossifragum Mire	2.958	0.129	1.006	0.070	9.9%	12.9%	12.9%	10.1%	6.7%	13.0%	12.8%
				Invertebrate assemblage	2.958	0.129	-	-	9.9%	4.3%	4.3%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
	SAC	Norfolk Valley Fens	0	Alkaline fens	2.958	0.129	1.006	-	9.9%	12.9%	12.9%	6.7%	3.4%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	2.958	0.129	-	-	9.9%	12.9%	12.9%	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	2.958	0.129	1.006	-	9.9%	12.9%	4.3%	6.7%	3.4%	-	-
				European dry heaths	2.958	0.129	1.006	0.070	9.9%	12.9%	12.9%	10.1%	5.0%	8.0%	1.4%
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	2.958	0.129	1.006	0.070	9.9%	12.9%	4.3%	6.7%	4.0%	11.6%	1.6%
				Northern Atlantic wet heaths with Erica tetralix	2.958	0.129	1.006	0.070	9.9%	12.9%	12.9%	10.1%	5.0%	8.0%	1.4%
				Semi-natural dry grasslands and scrubland facies on calcareous	2.958	0.129	1.006	0.070	9.9%	12.9%	12.9%	6.7%	4.0%	1.4%	1.4%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				substrates (Festuco-Brometalia) (* important orchid sites)											
				Vertigo angustior	2.958	0.129	1.006	0.070	9.9%	4.3%	4.3%	5.0%	3.4%	1.4%	1.4%
				Vertigo angustior	2.958	0.129	1.006	-	9.9%	4.3%	4.3%	20.1%	10.1%	-	-
				Vertigo moulinsiana	2.958	0.129	-	-	9.9%	4.3%	4.3%	-	-	-	-
79	SSSI	River Wensum	0	Carex Acutiformis Swamp	5.756	0.251	-	-	19.2%	25.1%	8.4%	-	-	-	-
				Carex Paniculata Swamp	5.756	0.251	1.957	0.137	19.2%	25.1%	8.4%	13.0%	6.5%	-	-
				Glyceria Maxima Swamp	5.756	0.251	-	-	19.2%	25.1%	8.4%	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	5.756	0.251	1.957	0.137	19.2%	25.1%	8.4%	13.0%	6.5%	-	-
				Phragmites Australis Swamp And Reed-Beds	5.756	0.251	1.957	0.137	19.2%	25.1%	8.4%	13.0%	6.5%	-	-
				Austropotamobius pallipes	5.756	0.251	-	-	19.2%	8.4%	8.4%	-	-	-	-
				Vertigo moulinsiana	5.756	0.251	-	-	19.2%	8.4%	8.4%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution											
					Concentration or Flux				% of Critical Level or Critical Load							
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	5.756	0.251	-	0.137	**19.2%**	-	-	-	-	-	-
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	5.756	0.251	-	-	**19.2%**	**8.4%**	**8.4%**	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	5.756	0.251	-	-	**19.2%**	**8.4%**	**8.4%**	-	-	-	-
				Lampetra planeri - Brook lamprey (S1096)	5.756	0.251	-	-	**19.2%**	**8.4%**	**8.4%**	-	-	-	-
				Cottus gobio - Bullhead (S1163)	5.756	0.251	-	-	**19.2%**	**8.4%**	**8.4%**	-	-	-	-
80	SSSI	River Wensum	0	Carex Acutiformis Swamp	4.149	0.181	-	-	**13.8%**	**18.1%**	**6.0%**	-	-	-	-
				Carex Paniculata Swamp	4.149	0.181	1.411	0.099	**13.8%**	**18.1%**	**6.0%**	**9.4%**	**4.7%**	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Glyceria Maxima Swamp	4.149	0.181	-	-	**13.8%**	**18.1%**	**6.0%**	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	4.149	0.181	1.411	-	**13.8%**	**18.1%**	**6.0%**	**9.4%**	**4.7%**	-	-
				Phragmites Australis Swamp And Reed-Beds	4.149	0.181	1.411	-	**13.8%**	**18.1%**	**6.0%**	**9.4%**	**4.7%**	-	-
				Austropotamobius pallipes	4.149	0.181	-	-	**13.8%**	**6.0%**	**6.0%**	-	-	-	-
				Vertigo moulinsiana	4.149	0.181	-	-	**13.8%**	**6.0%**	**6.0%**	-	-	-	-
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	4.149	0.181	-	0.099	**13.8%**	-	-	-	-	-	-
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	4.149	0.181	-	-	**13.8%**	**6.0%**	**6.0%**	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic	4.149	0.181	-	-	**13.8%**	**6.0%**	**6.0%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				stream) crayfish (S1092)											
				Lampetra planeri - Brook lamprey (S1096)	4.149	0.181	-	-	13.8%	6.0%	6.0%	-	-	-	-
				Cottus gobio - Bullhead (S1163)	4.149	0.181	-	-	13.8%	6.0%	6.0%	-	-	-	-
	SSSI	River Wensum	110	Carex Acutiformis Swamp	0.315	-	-	-	1.1%	-	-	-	-	-	-
				Carex Paniculata Swamp	0.315	-	-	-	1.1%	-	-	-	-	-	-
				Glyceria Maxima Swamp	0.315	-	-	-	1.1%	-	-	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.315	-	-	-	1.1%	-	-	-	-	-	-
				Phragmites Australis Swamp And Reed-Beds	0.315	-	-	-	1.1%	-	-	-	-	-	-
				Austropotamobius pallipes	0.315	-	-	-	1.1%	-	-	-	-	-	-
				Vertigo moulinsiana	0.315	-	-	-	1.1%	-	-	-	-	-	-
	SAC	River Wensum	110	Water courses of plain to montane	0.315	-	-	-	1.1%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)											
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	0.315	-	-	-	**1.1%**	-	-	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	0.315	-	-	-	**1.1%**	-	-	-	-	-	-
				Lampetra planeri - Brook lamprey (S1096)	0.315	-	-	-	**1.1%**	-	-	-	-	-	-
				Cottus gobio - Bullhead (S1163)	0.315	-	-	-	**1.1%**	-	-	-	-	-	-
85	Ancient woodland	Mouse Wood	0	Unknown, assumed conifer as a worst case	0.801	0.035	0.452	0.032	**2.7%**	**3.5%**	**1.2%**	**9.0%**	**3.0%**	0.3%	0.3%
86	SSSI	Holly Farm Meadow, Wendling	7	Cynosurus Cristatus - Caltha Palustris Grassland	3.396	0.075	0.667	0.047	**11.3%**	**2.5%**	**2.5%**	**3.3%**	**2.2%**	**6.7%**	**1.1%**

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Cynosurus Cristatus - Caltha Palustris Grassland	3.396	0.075	0.667	0.047	**11.3%**	**2.5%**	**2.5%**	**3.3%**	**2.2%**	1.0%	0.9%
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	3.396	0.075	0.667	0.047	**11.3%**	**7.5%**	**2.5%**	**4.4%**	**2.2%**	**6.7%**	**1.1%**
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	3.396	0.075	0.667	-	**11.3%**	**7.5%**	**2.5%**	**4.4%**	**2.2%**	-	-
	SSSI	Potter & Scarning Fens, East Dereham	1	Juncus Subnodulosus - Cirsium Palustre Fen Meadow	5.854	0.255	1.991	0.139	**19.5%**	**25.5%**	**8.5%**	**13.3%**	**6.6%**	**3.2%**	**3.2%**
				Schoenus Nigricans - Juncus Subnodulosus Mire	5.854	0.255	1.991	-	**19.5%**	**25.5%**	**8.5%**	**13.3%**	**6.6%**	-	-
				Ceriagrion tenellum	5.854	-	-	-	**19.5%**	-	-	-	-	-	-
				Invertebrate assemblage	5.854	0.255	-	-	**19.5%**	**8.5%**	**8.5%**	-	-	-	-
	SAC	Norfolk Valley Fens	<5	Alkaline fens	5.854	0.255	1.991	-	**19.5%**	**25.5%**	**25.5%**	**13.3%**	**6.6%**	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior	5.854	0.255	-	-	**19.5%**	**25.5%**	**25.5%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				(Alno-Padion, Alnion incanae, Salicion albae)											
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	5.854	0.255	1.991	-	**19.5%**	**25.5%**	**8.5%**	**13.3%**	**6.6%**	-	-
				European dry heaths	5.854	0.255	1.991	0.139	**19.5%**	**25.5%**	**25.5%**	**19.9%**	**10.0%**	**15.8%**	**2.8%**
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	5.854	0.255	1.991	0.139	**19.5%**	**25.5%**	**8.5%**	**13.3%**	**8.0%**	**23.0%**	**3.2%**
				Northern Atlantic wet heaths with Erica tetralix	5.854	0.255	1.991	0.139	**19.5%**	**25.5%**	**25.5%**	**19.9%**	**10.0%**	**15.8%**	**2.8%**
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	5.854	0.255	1.991	0.139	**19.5%**	**25.5%**	**25.5%**	**13.3%**	**7.9%**	**2.9%**	**2.7%**

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Vertigo angustior	5.854	0.255	1.991	0.139	19.5%	8.5%	8.5%	10.0%	6.6%	2.9%	2.7%
				Vertigo angustior	5.854	0.255	1.991	-	19.5%	8.5%	8.5%	39.8%	19.9%	-	-
				Vertigo moulinsiana	5.854	0.255	-	-	19.5%	8.5%	8.5%	-	-	-	-
87	SSSI	East Winch Common	0	Calluna Vulgaris - Festuca Ovina Heath	4.443	0.194	1.510	0.106	14.8%	19.4%	19.4%	15.1%	7.6%	11.2%	2.3%
				Erica Tetralix - Sphagnum Compactum Wet Heath	4.443	0.194	1.510	0.106	14.8%	19.4%	19.4%	15.1%	7.6%	11.2%	2.3%
88	Ancient woodland	Reffley Wood	5	Conifer (MAGIC)	5.227	0.113	1.684	0.118	17.4%	11.3%	3.8%	33.7%	11.2%	1.4%	1.4%
				Broadleaved (MAGIC)	5.227	0.113	1.684	0.118	17.4%	11.3%	3.8%	16.8%	8.4%	1.4%	1.4%
114	Ancient woodland	Unnamed (ID 6)	0	Broadleaved (MAGIC)	14.123	0.616	7.965	0.558	47.1%	61.6%	20.5%	79.7%	39.8%	20.4%	20.4%
	Ancient woodland	Smeeth Wood	30	Broadleaved (MAGIC)	2.486	0.064	1.130	0.079	8.3%	6.4%	2.1%	11.3%	5.6%	2.9%	2.9%
125	LNR	Danby Wood	43	-	1.349	-	-	-	4.5%	-	-	-	-	-	-
	LNR	Marston Marshes	105	-	0.583	-	-	-	1.9%	-	-	-	-	-	-
133	SSSI	River Wensum	0	Carex Acutiformis Swamp	0.328	0.014	-	0.008	1.1%	1.4%	0.5%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Carex Paniculata Swamp	0.328	0.014	-	-	**1.1%**	**1.4%**	0.5%	-	-	-	-
				Glyceria Maxima Swamp	0.328	0.014	-	-	**1.1%**	**1.4%**	0.5%	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.328	0.014	-	-	**1.1%**	**1.4%**	0.5%	-	-	-	-
				Phragmites Australis Swamp And Reed-Beds	0.328	0.014	-	-	**1.1%**	**1.4%**	0.5%	-	-	-	-
				Austropotamobius pallipes	0.328	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-
				Vertigo moulinsiana	0.328	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	0.328	0.014	-	0.008	**1.1%**	-	-	-	-	-	-
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	0.328	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP or DEP in Isolation' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	0.328	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-
				Lampetra planeri - Brook lamprey (S1096)	0.328	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-
				Cottus gobio - Bullhead (S1163)	0.328	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-
136	SSSI	Alderford Common	0*	Cynosurus Cristatus - Centaurea Nigra Grassland	0.328	-	-	0.008	**1.1%**	-	-	-	-	**1.1%**	**1.1%**
				Cynosurus Cristatus - Centaurea Nigra Grassland	0.328	-	-	0.008	**1.1%**	-	-	-	-	0.2%	0.2%

[1]Feature name(s) may be repeated in the table as a feature may have more than one nitrogen/acid Critical Load classes within them
*Road goes over/through designated site boundary. However, sensitive habitats may not be located this close to the road/be present.
**In-combination of agricultural contribution from BDC Application Number 20201399 (AS Modelling & Data Ltd., 2020)

SEP and DEP Concurrently – Projects Alone and In-combination

Table 22.5.5: SEP and DEP Concurrently – NOx, NH_3, N-dep and Acid Deposition Results

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
4	Ancient woodland	Bullfer Grove	155	Broadleaved (MAGIC)	-	-	0.014	0.001	-	-	-	0.1%	0.1%	0.0%	0.0%
	Ancient woodland	Pereers Wood	20	Broadleaved (MAGIC)	0.126	0.003	0.049	0.003	0.4%	0.3%	0.1%	0.5%	0.2%	0.2%	0.2%
10	SSSI	Kelling Heath	0*	*Calluna Vulgaris - Ulex Gallii* Heath	0.159	0.007	0.054	0.004	0.5%	0.7%	0.2%	0.5%	0.3%	0.3%	0.1%
11	Ancient woodland	Oak Wood	0.5	Broadleaved (MAGIC)	0.175	0.008	0.099	0.007	0.6%	0.8%	0.3%	1.0%	0.5%	0.5%	0.5%
13	Ancient woodland	Unnamed (ID 1)	0	Broadleaved (MAGIC)	0.457	0.020	0.257	0.018	**1.5%**	**2.0%**	0.7%	**2.6%**	**1.3%**	1.0%	1.0%
	SSSI	Felbrigg Wood	0	*Fagus Sylvatica - Deschampsia Flexuosa* Woodland	0.457	0.020	0.257	0.018	**1.5%**	**2.0%**	0.7%	**2.6%**	**1.3%**	**1.4%**	1.0%
			0	Combinations of species - lichens	0.457	0.020	-	-	**1.5%**	**2.0%**	**2.0%**	-	-	-	-
			0	Invertebrate assemblage	0.457	0.020	-	-	**1.5%**	**2.0%**	**2.0%**	-	-	-	-
	Ancient woodland	Great Wood	5	Broadleaved (MAGIC)	0.329	0.007	0.106	0.007	**1.1%**	0.7%	0.2%	**1.1%**	0.5%	0.6%	0.6%
			37	Conifer (MAGIC)	0.080	0.002	0.037	0.003	0.3%	0.2%	0.1%	0.7%	0.2%	0.2%	0.2%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
14	SSSI	Felbrigg Wood	0	*Fagus Sylvatica* - *Deschampsia Flexuosa* Woodland	0.394	0.017	0.222	0.016	**1.3%**	**1.7%**	0.6%	**2.2%**	**1.1%**	**1.2%**	0.8%
20	SSSI	Ant Broads and Marshes	113	Alnus glutinosa - Carex paniculata Woodland	-	-	0.007	0.000	-	-	-	0.1%	0.0%	0.1%	0.0%
				Alnus glutinosa - Urtica dioica Woodland	-	-	0.007	0.000	-	-	-	0.1%	0.0%	0.1%	0.0%
				Salix Cinerea - Betula Pubescens - Phragmites Australis Woodland	-	-	0.007	0.000	-	-	-	0.1%	0.0%	0.1%	0.0%
21	SSSI	Trinity Broads	0	Alnus glutinosa - Carex paniculata Woodland	0.159	0.007	0.090	0.006	0.5%	0.7%	0.2%	0.9%	0.4%	**1.2%**	0.1%
				Cladium Mariscus Swamp And Sedge-Beds	0.159	0.007	0.054	-	0.5%	0.7%	0.2%	0.4%	0.2%	-	-
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.159	0.007	0.054	0.004	0.5%	0.7%	0.2%	0.4%	0.2%	0.7%	0.1%
				Phragmites Australis - Peucedanum	0.159	0.007	0.054	-	0.5%	0.7%	0.2%	0.4%	0.2%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Palustris Tall-Herb Fen											
				Salix Cinerea - Betula Pubescens - Phragmites Australis Woodland	0.159	0.007	0.090	0.006	0.5%	0.7%	0.2%	0.9%	0.4%	**1.2%**	0.1%
				Vascular plant assemblage	0.159	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Vascular plant assemblage	0.159	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Anas clypeata	0.159	-	-	-	0.5%	-	-	-	-	-	-
				Aythya ferina	0.159	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Aythya ferina	0.159	0.007	0.054	-	0.5%	0.2%	0.2%	0.3%	0.2%	-	-
				Aythya fuligula	0.159	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Aythya fuligula	0.159	0.007	0.054	-	0.5%	0.2%	0.2%	0.3%	0.2%	-	-
				Botaurus stellaris	0.159	0.007	0.054	-	0.5%	0.2%	0.2%	0.4%	0.2%	-	-
				Circus aeruginosus	0.159	0.007	0.054	-	0.5%	0.2%	0.2%	0.4%	0.2%	-	-
				Invertebrate assemblage	0.159	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Lowland open waters and their margins	0.159	0.007	-	-	0.5%	-	-	-	-	-	-
				Lutra lutra	0.159	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
	SAC	The Broads	0	Alkaline fens	0.159	0.007	0.054	-	0.5%	0.7%	0.7%	0.4%	0.2%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.159	0.007	0.054	-	0.5%	0.7%	0.7%	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.159	0.007	0.054	-	0.5%	0.7%	0.2%	0.4%	0.2%	-	-
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	0.159	0.007	0.054	-	0.5%	0.7%	0.2%	-	-	-	-
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	0.159	0.007	0.054	0.004	0.5%	0.7%	0.2%	0.4%	0.2%	0.7%	0.1%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	0.159	0.007	0.054	-	0.5%	0.7%	0.2%	-	-	-	-
				Transition mires and quaking bogs	0.159	-	0.054	0.004	0.5%	-	-	0.5%	0.4%	0.8%	0.7%
				Liparis loeselii	0.159	0.007	0.054	0.004	0.5%	0.2%	0.2%	0.5%	0.3%	0.1%	0.1%
				Anisus vorticulus	0.159	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Lutra lutra	0.159	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
				Vertigo moulinsiana	0.159	0.007	-	-	0.5%	0.2%	0.2%	-	-	-	-
25	SSSI	Breydon Water	1	Zostera Communities	0.510	0.022	-	-	**1.7%**	**2.2%**	0.7%	-	-	-	-
				Vascular plant assemblage	0.510	0.022	-	-	**1.7%**	0.7%	0.7%	-	-	-	-
				Vascular plant assemblage	0.510	0.022	-	-	**1.7%**	0.7%	0.7%	-	-	-	-
				Anas penelope	0.510	0.022	-	-	**1.7%**	0.7%	0.7%	-	-	-	-
				Anas penelope	0.510	0.022	0.174	-	**1.7%**	0.7%	0.7%	0.9%	0.6%	-	-
				Cygnus columbianus bewickii	0.510	-	-	-	**1.7%**	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Tadorna tadorna	0.510	0.022	0.174	-	**1.7%**	0.7%	0.7%	0.9%	0.6%	-	-
	SPA	Breydon Water	1	Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.510	0.022	-	-	**1.7%**	0.7%	0.7%	-	-	-	-
				Philomachus pugnax (Western Africa - wintering)	0.510	0.022	0.174	0.012	**1.7%**	0.7%	0.7%	0.9%	0.6%	**1.2%**	0.3%
				Philomachus pugnax (Western Africa - wintering)	0.510	0.022	0.174	-	**1.7%**	0.7%	0.7%	0.9%	0.6%	-	-
				Pluvialis apricaria [North-western Europe]	0.510	0.022	0.174	0.012	**1.7%**	0.7%	0.7%	0.9%	0.6%	**1.2%**	0.3%
				Pluvialis apricaria [North-western Europe]	0.510	0.022	0.174	0.012	**1.7%**	0.7%	0.7%	0.9%	0.6%	0.3%	0.3%
				Pluvialis apricaria [North-western Europe]	0.510	0.022	0.174	-	**1.7%**	0.7%	0.7%	0.9%	0.6%	-	-
				Recurvirostra avosetta (Western Europe/Western	0.510	0.022	0.174	-	**1.7%**	0.7%	0.7%	0.9%	0.6%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Mediterranean - breeding)											
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.510	0.022	-	0.012	**1.7%**	0.7%	0.7%	-	-	**1.1%**	0.3%
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.510	0.022	0.174	0.012	**1.7%**	0.7%	0.7%	**1.7%**	**1.2%**	0.3%	0.2%
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.510	0.022	0.174	-	**1.7%**	0.7%	0.7%	**2.2%**	**1.7%**	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.510	0.022	0.174	-	**1.7%**	0.7%	0.7%	**1.7%**	0.9%	-	-
				Vanellus vanellus (Europe - breeding)	0.510	0.022	0.174	-	**1.7%**	0.7%	0.7%	0.9%	0.6%	-	-
	LNR	Breydon Water	1	-	0.510	0.022	-	-	**1.7%**	0.7%	0.7%	-	-	-	-
28	Ancient woodland	Foxburrow Wood	1	Broadleaved (MAGIC)	0.351	0.015	0.198	0.014	**1.2%**	**1.5%**	0.5%	**2.0%**	1.0%	0.8%	0.8%
30	Ancient woodland	Raveningham Covert	0	Broadleaved (MAGIC)	1.185	0.052	0.669	0.047	**4.0%**	**5.2%**	**1.7%**	**6.7%**	**3.3%**	**1.7%**	**1.7%**
	Ancient woodland	Blacks Grove	165	Broadleaved (MAGIC)	0.057	0.002	0.043	0.003	0.2%	0.2%	0.1%	0.4%	0.2%	0.1%	0.1%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
	SSSI	Barnby Broad & Marshes	48	Glyceria Maxima Swamp	0.156	0.004	-	-	0.5%	0.4%	0.1%	-	-	-	-
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.156	0.004	0.045	0.003	0.5%	0.4%	0.1%	0.3%	0.2%	0.6%	0.1%
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	0.156	0.004	0.045	0.003	0.5%	0.4%	0.1%	0.3%	0.2%	0.6%	0.1%
				Vascular plant assemblage	0.156	-	-	-	-	-	-	-	-	-	-
				Vascular plant assemblage	0.156	-	-	-	-	-	-	-	-	-	-
	SAC	The Broads	48	Alkaline fens	0.156	0.004	0.045	-	0.5%	0.4%	0.4%	0.3%	0.2%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.156	0.004	-	-	0.5%	0.4%	0.4%	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.156	0.004	0.045	-	0.5%	0.4%	0.1%	0.3%	0.2%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	0.156	0.004	-	-	0.5%	0.4%	0.1%	-	-	-	-
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	0.156	0.004	0.045	0.003	0.5%	0.4%	0.1%	0.3%	0.2%	0.6%	0.1%
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	0.156	0.004	-	-	0.5%	0.4%	0.1%	-	-	-	-
				Transition mires and quaking bogs	0.156	0.004	0.045	0.003	0.5%	0.4%	0.4%	0.4%	0.3%	0.6%	0.6%
				Liparis loeselii	0.156	0.004	0.045	0.003	0.5%	0.1%	0.1%	0.5%	0.2%	0.1%	0.1%
				Anisus vorticulus	0.156	-	-	-	0.5%	-	-	-	-	-	-
				Lutra lutra	0.156	-	-	-	0.5%	-	-	-	-	-	-
				Vertigo moulinsiana	0.156	-	-	-	0.5%	-	-	-	-	-	-
	SPA	Broadland	48	Anas clypeata (North-	0.156	-	-	-	0.5%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				western/Central Europe)											
				Anas penelope (Western Siberia/North-western/North-eastern Europe)	0.156	-	-	-	0.5%	-	-	-	-	-	-
				Anas penelope (Western Siberia/North-western/North-eastern Europe)	0.156	-	0.045	-	0.5%	-	-	0.2%	0.2%	-	-
				Anas strepera (North-western Europe)	0.156	-	-	-	0.5%	-	-	-	-	-	-
				Botaurus stellaris (Europe - breeding)	0.156	-	0.045	-	0.5%	-	-	0.3%	0.2%	-	-
				Circus aeruginosus	0.156	-	0.045	-	0.5%	-	-	0.3%	0.2%	-	-
				Circus cyaneus	0.156	-	0.045	0.003	0.5%	-	-	0.5%	0.2%	0.4%	0.1%
				Circus cyaneus	0.156	-	0.045	-	0.5%	-	-	0.3%	0.2%	-	-
				Circus cyaneus	0.156	-	0.045	-	0.5%	-	-	0.2%	0.2%	-	-
				Cygnus columbianus bewickii (Western	0.156	-	-	-	0.5%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Siberia/North-eastern & North-western Europe)											
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.156	-	-	-	0.5%	-	-	-	-	-	-
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.156	-	-	-	0.5%	-	-	-	-	-	-
				Cygnus cygnus (Iceland/UK/Ireland)	0.156	-	-	-	0.5%	-	-	-	-	-	-
				Cygnus cygnus (Iceland/UK/Ireland)	0.156	-	-	-	0.5%	-	-	-	-	-	-
				Philomachus pugnax (Western Africa - wintering)	0.156	-	0.045	0.003	0.5%	-	-	0.2%	0.2%	0.6%	0.1%
				Philomachus pugnax (Western Africa - wintering)	0.156	-	0.045	0.003	0.5%	-	-	0.2%	0.2%	0.1%	0.1%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Philomachus pugnax (Western Africa - wintering)	0.156	-	0.045	-	0.5%	-	-	0.2%	0.2%	-	-
31	LNR	Whitlingham	25	-	0.246	0.006	-	-	0.8%	0.2%	0.2%	-	-	-	-
	LNR	Whitlingham	1	-	1.117	0.049	-	-	**3.7%**	**1.6%**	**1.6%**	-	-	-	-
	LNR	Whitlingham Marsh, Whitlingham	0	-	1.117	0.049	-	-	**3.7%**	**1.6%**	**1.6%**	-	-	-	-
34	SSSI	Damgate Marshes, Acle	0	Vascular plant assemblage - Vascular Plant Assemblage	0.859	0.037	-	-	**2.9%**	**1.2%**	**1.2%**	-	-	-	-
	SAC	The Broads	0	Alkaline fens	0.859	0.037	0.292	-	**2.9%**	**3.7%**	**3.7%**	**1.9%**	1.0%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.859	0.037	-	-	**2.9%**	**3.7%**	**3.7%**	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.859	0.037	0.292	-	**2.9%**	**3.7%**	**1.2%**	**1.9%**	1.0%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	0.859	0.037	-	-	**2.9%**	**3.7%**	**1.2%**	**-**	**-**	**-**	-
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	0.859	0.037	0.292	0.020	**2.9%**	**3.7%**	**1.2%**	**1.9%**	**1.2%**	**3.8%**	0.4%
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	0.859	0.037	-	-	**2.9%**	**3.7%**	**1.2%**	**-**	**-**	**-**	-
				Transition mires and quaking bogs	0.859	0.037	0.292	0.020	**2.9%**	**3.7%**	**3.7%**	**2.9%**	**1.9%**	**4.1%**	**3.9%**
				Liparis loeselii	0.859	0.037	0.292	0.020	**2.9%**	**1.2%**	**1.2%**	**2.9%**	**1.5%**	0.4%	0.4%
				Anisus vorticulus	0.859	0.037	-	-	**2.9%**	**1.2%**	**1.2%**	**-**	**-**	**-**	-
				Lutra lutra	0.859	0.037	-	-	**2.9%**	**1.2%**	**1.2%**	**-**	**-**	**-**	-
				Vertigo moulinsiana	0.859	0.037	-	-	**2.9%**	**1.2%**	**1.2%**	**-**	**-**	**-**	-
	SSSI	Breydon Water	35	Zostera Communities	0.151	0.004	-	-	0.5%	0.4%	0.1%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Vascular plant assemblage	0.151	0.004	-	-	0.5%	0.1%	0.1%	-	-	-	-
				Vascular plant assemblage	0.151	0.004	-	-	0.5%	0.1%	0.1%	-	-	-	-
				Anas penelope	0.151	0.004	-	-	0.5%	0.1%	0.1%	-	-	-	-
				Anas penelope	0.151	0.004	0.040	-	0.5%	0.1%	0.1%	0.2%	0.1%	-	-
				Cygnus columbianus bewickii	0.151	-	-	-	0.5%	-	-	-	-	-	-
				Tadorna tadorna	0.151	0.004	0.040	-	0.5%	0.1%	0.1%	0.2%	0.1%	-	-
	SPA	Breydon Water	35	Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.151	0.004	-	0.003	0.5%	0.1%	0.1%	-	-	0.3%	0.1%
				Philomachus pugnax (Western Africa - wintering)	0.151	0.004	0.040	-	0.5%	0.1%	0.1%	0.2%	0.1%	-	-
				Philomachus pugnax (Western Africa - wintering)	0.151	0.004	0.040	-	0.5%	0.1%	0.1%	0.2%	0.1%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Pluvialis apricaria [North-western Europe]	0.151	0.004	0.040	0.003	0.5%	0.1%	0.1%	0.2%	0.1%	0.3%	0.1%
				Pluvialis apricaria [North-western Europe]	0.151	0.004	0.040	0.003	0.5%	0.1%	0.1%	0.2%	0.1%	0.1%	0.1%
				Pluvialis apricaria [North-western Europe]	0.151	0.004	0.040	-	0.5%	0.1%	0.1%	0.2%	0.1%	-	-
				Recurvirostra avosetta (Western Europe/Western Mediterranean - breeding)	0.151	0.004	0.040	-	0.5%	0.1%	0.1%	0.2%	0.1%	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.151	0.004	-	0.003	0.5%	0.1%	0.1%	-	-	0.3%	0.1%
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.151	0.004	0.040	0.003	0.5%	0.1%	0.1%	0.4%	0.3%	0.1%	0.1%
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.151	0.004	0.040	-	0.5%	0.1%	0.1%	0.5%	0.4%	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	0.151	0.004	0.040	-	0.5%	0.1%	0.1%	0.4%	0.2%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Vanellus vanellus (Europe - breeding)	0.151	0.004	0.040	-	0.5%	0.1%	0.1%	0.2%	0.1%	-	-
	LNR	Breydon Water	40	-	0.151	0.004	-	-	0.5%	0.1%	0.1%	-	-	-	-
35	Ancient woodland	Unnamed (ID 2)	105	Unknown, assumed conifer as worst case	0.064	-	0.037	0.003	0.2%	-	-	0.7%	0.2%	0.1%	0.1%
40	Ancient woodland	Unnamed (ID 3)	17	Broadleaved (MAGIC)	0.311	0.007	0.121	0.008	**1.0%**	0.7%	0.2%	**1.2%**	0.6%	0.5%	0.5%
	Ancient woodland	Sprowston Wood	75	Conifer (MAGIC)	0.098	0.003	0.051	0.004	0.3%	0.3%	0.1%	**1.0%**	0.3%	0.2%	0.2%
43	Ancient woodland	Unnamed (ID 4)	160	Broadleaved (MAGIC)	-	-	0.021	0.001	-	-	-	0.2%	0.1%	0.1%	0.1%
49	SSSI	Buxton Heath	50	Calluna Vulgaris - Ulex Gallii Heath	0.098	-	-	0.002	0.3%	-	-	-	-	0.2%	0.1%
				Erica Tetralix - Sphagnum Compactum Wet Heath	0.098	-	-	0.002	0.3%	-	-	-	-	0.2%	0.1%
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.098	-	-	0.002	0.3%	-	-	-	-	0.3%	0.2%
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	0.098	-	-	0.002	0.3%	-	-	-	-	0.3%	0.2%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Schoenus Nigricans - Juncus Subnodulosus Mire	0.098	-	-	-	0.3%	-	-	-	-	-	-
				Invertebrate assemblage	0.098	-	-	-	0.3%	-	-	-	-	-	-
				Plebejus argus	0.098	-	-	-	0.3%	-	-	-	-	-	-
	SAC	Norfolk Valley Fens	50	Alkaline fens	0.098	-	0.028	-	0.3%	-	-	0.2%	0.1%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.098	-	-	-	0.3%	-	-	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.098	-	0.028	-	0.3%	-	-	0.2%	0.1%	-	-
				European dry heaths	0.098	-	0.028	0.002	0.3%	-	-	0.3%	0.1%	0.2%	0.0%
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	0.098	-	0.028	0.002	0.3%	-	-	0.2%	0.1%	0.3%	0.0%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Northern Atlantic wet heaths with Erica tetralix	0.098	-	0.028	0.002	0.3%	-	-	0.3%	0.1%	0.3%	0.0%
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	0.098	-	0.028	0.002	0.3%	-	-	0.2%	0.1%	0.0%	0.0%
				Vertigo angustior	0.098	-	-	0.002	0.3%	-	-	-	-	0.0%	0.0%
				Vertigo angustior	0.098	-	0.028	-	0.3%	-	-	0.6%	0.3%	-	-
				Vertigo moulinsiana	0.098	-	-	-	0.3%	-	-	-	-	-	-
	Ancient woodland	Great Wood	160	Conifer (MAGIC)	-	-	0.027	0.002	-	-	-	0.5%	0.2%	0.1%	0.1%
51	SSSI	Cawston and Marsham Heaths	90	Calluna Vulgaris - Ulex Gallii Heath	0.071	0.002	0.022	0.002	0.2%	0.2%	0.1%	0.2%	0.1%	0.1%	0.1%
59	SSSI	Holt Lowes	0	Calluna Vulgaris - Ulex Gallii Heath	0.363	0.016	0.124	0.009	**1.2%**	**1.6%**	0.5%	**1.2%**	0.6%	0.6%	0.5%
				Juncus Subnodulosus -	0.363	0.016	0.124	0.009	**1.2%**	**1.6%**	0.5%	0.8%	0.4%	**1.2%**	0.8%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Cirsium Palustre Fen Meadow											
				Schoenus Nigricans - Juncus Subnodulosus Mire	0.363	0.016	0.124	-	**1.2%**	**1.6%**	**1.6%**	0.8%	0.4%	-	-
				Schoenus Nigricans - Narthecium Ossifragum Mire	0.363	0.016	0.124	0.009	**1.2%**	**1.6%**	**1.6%**	**1.2%**	0.8%	**1.6%**	**1.6%**
				Invertebrate assemblage	0.363	0.016	-	-	**1.2%**	0.5%	0.5%	-	-	-	-
	SAC	Norfolk Valley Fens	0	Alkaline fens	0.363	0.016	0.124	-	**1.2%**	**1.6%**	**1.6%**	0.8%	0.4%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.363	0.016	-	-	**1.2%**	**1.6%**	**1.6%**	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.363	0.016	0.124	-	**1.2%**	**1.6%**	0.5%	0.8%	0.4%	-	-
				European dry heaths	0.363	0.016	0.124	0.009	**1.2%**	**1.6%**	**1.6%**	**1.2%**	0.6%	1.0%	0.2%
				Molinia meadows on calcareous, peaty or	0.363	0.016	0.124	0.009	**1.2%**	**1.6%**	0.5%	0.8%	0.5%	**1.4%**	0.2%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				clayey-silt-laden soils (Molinion caeruleae)											
				Northern Atlantic wet heaths with Erica tetralix	0.363	0.016	0.124	0.009	**1.2%**	**1.6%**	**1.6%**	**1.2%**	0.6%	1.0%	0.2%
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	0.363	0.016	0.124	0.009	**1.2%**	**1.6%**	**1.6%**	0.8%	0.5%	0.2%	0.2%
				Vertigo angustior	0.363	0.016	0.124	0.009	**1.2%**	0.5%	0.5%	0.6%	0.4%	0.2%	0.2%
				Vertigo angustior	0.363	0.016	0.124	-	**1.2%**	0.5%	0.5%	**2.5%**	**1.2%**	-	-
				Vertigo moulinsiana	0.363	0.016	-	-	**1.2%**	0.5%	0.5%	-	-	-	-
79	SSSI	River Wensum	0	Carex Acutiformis Swamp	0.767	0.033	-	-	**2.6%**	**3.3%**	**1.1%**	-	-	-	-
				Carex Paniculata Swamp	0.767	0.033	0.261	0.018	**2.6%**	**3.3%**	**1.1%**	**1.7%**	0.9%	-	-
				Glyceria Maxima Swamp	0.767	0.033	-	-	**2.6%**	**3.3%**	**1.1%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.767	0.033	0.261	0.018	**2.6%**	**3.3%**	**1.1%**	**1.7%**	0.9%	-	-
				Phragmites Australis Swamp And Reed-Beds	0.767	0.033	0.261	0.018	**2.6%**	**3.3%**	**1.1%**	**1.7%**	0.9%	-	-
				Austropotamobius pallipes	0.767	0.033	-	-	**2.6%**	**1.1%**	**1.1%**	-	-	-	-
				Vertigo moulinsiana	0.767	0.033	-	-	**2.6%**	**1.1%**	**1.1%**	-	-	-	-
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	0.767	0.033	-	0.018	**2.6%**	-	-	-	-	-	-
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	0.767	0.033	-	-	**2.6%**	**1.1%**	**1.1%**	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	0.767	0.033	-	-	**2.6%**	**1.1%**	**1.1%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Lampetra planeri - Brook lamprey (S1096)	0.767	0.033	-	-	2.6%	1.1%	1.1%	-	-	-	-
				Cottus gobio - Bullhead (S1163)	0.767	0.033	-	-	2.6%	1.1%	1.1%	-	-	-	-
80	SSSI	River Wensum	0	Carex Acutiformis Swamp	0.313	0.014	-	-	1.0%	1.4%	0.5%	-	-	-	-
				Carex Paniculata Swamp	0.313	0.014	0.106	0.007	1.0%	1.4%	0.5%	0.7%	0.4%	-	-
				Glyceria Maxima Swamp	0.313	0.014	-	-	1.0%	1.4%	0.5%	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.313	0.014	0.106	0.007	1.0%	1.4%	0.5%	0.7%	0.4%	-	-
				Phragmites Australis Swamp And Reed-Beds	0.313	0.014	0.106	0.007	1.0%	1.4%	0.5%	0.7%	0.4%	-	-
				Austropotamobius pallipes	0.313	0.014	-	-	1.0%	0.5%	0.5%	-	-	-	-
				Vertigo moulinsiana	0.313	0.014	-	-	1.0%	0.5%	0.5%	-	-	-	-
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion	0.313	0.014	-	0.007	1.0%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				fluitantis and Callitricho-Batrachion vegetation (H3260)											
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	0.313	0.014	-	-	**1.0%**	0.5%	0.5%	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	0.313	0.014	-	-	**1.0%**	0.5%	0.5%	-	-	-	-
				Lampetra planeri - Brook lamprey (S1096)	0.313	0.014	-	-	**1.0%**	0.5%	0.5%	-	-	-	-
				Cottus gobio - Bullhead (S1163)	0.313	0.014	-	-	**1.0%**	0.5%	0.5%	-	-	-	-
	SSSI	River Wensum	110	Carex Acutiformis Swamp	0.024	-	-	-	0.1%	-	-	-	-	-	-
				Carex Paniculata Swamp	0.024	-	-	-	0.1%	-	-	-	-	-	-
				Glyceria Maxima Swamp	0.024	-	-	-	0.1%	-	-	-	-	-	-
				Phragmites Australis - Eupatorium	0.024	-	-	-	0.1%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Cannabinum Tall-Herb Fen											
				Phragmites Australis Swamp And Reed-Beds	0.024	-	-	-	0.1%	-	-	-	-	-	-
				Austropotamobius pallipes	0.024	-	-	-	0.1%	-	-	-	-	-	-
				Vertigo moulinsiana	0.024	-	-	-	0.1%	-	-	-	-	-	-
	SAC	River Wensum	110	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	0.024	-	-	-	0.1%	-	-	-	-	-	-
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	0.024	-	-	-	0.1%	-	-	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	0.024	-	-	-	0.1%	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Lampetra planeri - Brook lamprey (S1096)	0.024	-	-	-	0.1%	-	-	-	-	-	-
				Cottus gobio - Bullhead (S1163)	0.024	-	-	-	0.1%	-	-	-	-	-	-
85	Ancient woodland	Mouse Wood	0	Unknown, assumed conifer as a worst case	0.297	0.013	0.167	0.012	1.0%	**1.3%**	0.4%	**3.3%**	**1.1%**	0.1%	0.1%
86	SSSI	Holly Farm Meadow, Wendling	7	Cynosurus Cristatus - Caltha Palustris Grassland	0.583	0.013	0.115	0.008	**1.9%**	0.4%	0.4%	0.6%	0.4%	**1.1%**	0.2%
				Cynosurus Cristatus - Caltha Palustris Grassland	0.583	0.013	0.115	0.008	**1.9%**	0.4%	0.4%	0.6%	0.4%	0.2%	0.2%
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.583	0.013	0.115	0.008	**1.9%**	**1.3%**	0.4%	0.8%	0.4%	**1.1%**	0.2%
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.583	0.013	0.115	-	**1.9%**	**1.3%**	0.4%	0.8%	0.4%	-	-
	SSSI	Potter & Scarning Fens, East Dereham	1	Juncus Subnodulosus - Cirsium Palustre Fen Meadow	1.006	0.044	0.342	0.024	**3.4%**	**4.4%**	**1.5%**	**2.3%**	**1.1%**	0.5%	0.5%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Schoenus Nigricans - Juncus Subnodulosus Mire	1.006	0.044	0.342	-	**3.4%**	**4.4%**	**1.5%**	**2.3%**	**1.1%**	-	-
				Ceriagrion tenellum	1.006	-	-	-	**3.4%**	**-**	**-**	**-**	**-**	-	-
				Invertebrate assemblage	1.006	0.044	-	-	**3.4%**	**1.5%**	**1.5%**	**-**	**-**	-	-
	SAC	Norfolk Valley Fens	<5	Alkaline fens	1.006	0.044	0.342	-	**3.4%**	**4.4%**	**4.4%**	**2.3%**	**1.1%**	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	1.006	0.044	-	-	**3.4%**	**4.4%**	**4.4%**	**-**	**-**	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	1.006	0.044	0.342	-	**3.4%**	**1.5%**	**1.5%**	**2.3%**	**1.1%**	-	-
				European dry heaths	1.006	0.044	0.342	0.024	**3.4%**	**4.4%**	**4.4%**	**3.4%**	**1.7%**	**2.7%**	0.5%
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	1.006	0.044	0.342	0.024	**3.4%**	**4.4%**	**1.5%**	**2.3%**	**1.4%**	**3.9%**	0.5%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Northern Atlantic wet heaths with Erica tetralix	1.006	0.044	0.342	0.024	**3.4%**	**4.4%**	**4.4%**	**3.4%**	**1.7%**	**2.7%**	0.5%
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	1.006	0.044	0.342	0.024	**3.4%**	**4.4%**	**4.4%**	**2.3%**	**1.4%**	0.5%	0.5%
				Vertigo angustior	1.006	0.044	0.342	0.024	**3.4%**	**1.5%**	**1.5%**	**1.7%**	**1.1%**	0.5%	0.5%
				Vertigo angustior	1.006	0.044	0.342	-	**3.4%**	**1.5%**	**1.5%**	**6.8%**	**3.4%**	**-**	-
				Vertigo moulinsiana	1.006	0.044	-	-	**3.4%**	**1.5%**	**1.5%**	**-**	**-**	**-**	-
87	SSSI	East Winch Common	0	Calluna Vulgaris - Festuca Ovina Heath	0.881	0.038	0.300	0.021	**2.9%**	**3.8%**	**3.8%**	**3.0%**	**1.5%**	**2.2%**	0.5%
				Erica Tetralix - Sphagnum Compactum Wet Heath	0.881	0.038	0.300	0.021	**2.9%**	**3.8%**	**3.8%**	**3.0%**	**1.5%**	**2.2%**	0.5%
88	Ancient woodland	Reffley Wood	5	Conifer (MAGIC)	0.472	0.010	0.152	0.011	**1.6%**	1.0%	0.3%	**3.0%**	**1.0%**	0.1%	0.1%
				Broadleaved (MAGIC)	0.472	0.010	0.152	0.011	**1.6%**	1.0%	0.3%	**1.5%**	0.8%	0.1%	0.1%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
114	Ancient woodland	Unnamed (ID 6)	0	Broadleaved (MAGIC)	0.551	0.024	0.311	0.022	**1.8%**	**2.4%**	**0.8%**	**3.1%**	**1.6%**	0.8%	0.8%
	Ancient woodland	Smeeth Wood	30	Broadleaved (MAGIC)	0.097	0.002	0.044	0.003	0.3%	0.2%	0.1%	0.4%	0.2%	0.1%	0.1%
125	LNR	Danby Wood	43	-	0.074	-	-	-	0.2%	-	-	-	-	-	-
	LNR	Marston Marshes	105	-	0.032	-	-	-	0.1%	-	-	-	-	-	-
133	SSSI	River Wensum	0	Carex Acutiformis Swamp	0.043	0.002	-	0.001	0.1%	0.2%	0.1%	-	-	-	-
				Carex Paniculata Swamp	0.043	0.002	-	-	0.1%	0.2%	0.1%	-	-	-	-
				Glyceria Maxima Swamp	0.043	0.002	-	-	0.1%	0.2%	0.1%	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.043	0.002	-	-	0.1%	0.2%	0.1%	-	-	-	-
				Phragmites Australis Swamp And Reed-Beds	0.043	0.002	-	-	0.1%	0.2%	0.1%	-	-	-	-
				Austropotamobius pallipes	0.043	0.002	-	-	0.1%	0.1%	0.1%	-	-	-	-
				Vertigo moulinsiana	0.043	0.002	-	-	0.1%	0.1%	0.1%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution											
					Concentration or Flux				% of Critical Level or Critical Load							
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	0.043	0.002	-	0.001	0.1%	-	-	-	-	-	-
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	0.043	0.002	-	-	0.1%	0.1%	0.1%	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	0.043	0.002	-	-	0.1%	0.1%	0.1%	-	-	-	-
				Lampetra planeri - Brook lamprey (S1096)	0.043	0.002	-	-	0.1%	0.1%	0.1%	-	-	-	-
				Cottus gobio - Bullhead (S1163)	0.043	0.002	-	-	0.1%	0.1%	0.1%	-	-	-	-
136	SSSI	Alderford Common	0*	Cynosurus Cristatus - Centaurea Nigra Grassland	0.043	-	-	0.001	0.1%	-	-	-	-	0.1%	0.1%
				Cynosurus Cristatus - Centaurea Nigra Grassland	0.043	-	-	0.001	0.1%	-	-	-	-	0.0%	0.0%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' Road Traffic Contribution											
					Concentration or Flux				% of Critical Level or Critical Load							
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
138	SSSI	Alderford Common	0	Cynosurus Cristatus - Centaurea Nigra Grassland	0.253	-	-	0.006	0.8%	-	-	-	-	0.8%	0.8%
				Cynosurus Cristatus - Centaurea Nigra Grassland	0.253	-	-	0.006	0.8%	-	-	-	-	0.1%	0.1%

Table 22.5.6 SEP and DEP Concurrently – NOx, NH_3, N-dep and Acid Deposition In-combination Results

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
					NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
	Site Type	Name			$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
4	Ancient woodland	Bullfer Grove	155	Broadleaved (MAGIC)	-	-	0.169	0.012	-	-	-	1.7%	0.8%	0.1%	0.1%
	Ancient woodland	Pereers Wood	20	Broadleaved (MAGIC)	1.545	0.037	0.599	0.042	5.1%	3.7%	1.2%	6.0%	3.0%	2.3%	2.3%
10	SSSI	Kelling Heath	0*	*Calluna Vulgaris - Ulex Gallii* Heath	0.822	0.036	0.279	0.020	2.7%	3.6%	1.2%	2.8%	1.4%	1.4%	0.4%
11	Ancient woodland	Oak Wood	0.5	Broadleaved (MAGIC)	1.967	0.086	1.109	0.078	6.6%	8.6%	2.9%	11.1%	5.5%	6.1%	6.1%
13	Ancient woodland	Unnamed (ID 1)	0	Broadleaved (MAGIC)	6.670	0.291	3.762	0.263	22.2%	29.1%	9.7%	37.6%	18.8%	14.5%	14.5%
	SSSI	Felbrigg Wood	0	*Fagus Sylvatica - Deschampsia Flexuosa* Woodland	6.670	0.291	3.762	0.263	22.2%	29.1%	9.7%	37.6%	18.8%	20.3%	14.3%
			0	Combinations of species - lichens	6.670	0.291	-	-	22.2%	29.1%	29.1%	-	-	-	-
			0	Invertebrate assemblage	6.670	0.291	-	-	22.2%	29.1%	29.1%	-	-	-	-
	Ancient woodland	Great Wood	5	Broadleaved (MAGIC)	4.803	0.104	1.547	0.108	16.0%	10.4%	3.5%	15.5%	7.7%	8.4%	8.4%
			37	Conifer (MAGIC)	1.174	0.030	0.534	0.037	3.9%	3.0%	1.0%	10.7%	3.6%	2.9%	2.9%
14	SSSI	Felbrigg Wood	0	*Fagus Sylvatica - Deschampsia Flexuosa* Woodland	4.765	0.208	2.687	0.188	15.9%	20.8%	6.9%	26.9%	13.4%	14.5%	10.2%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
					NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
	Site Type	Name			µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
20	SSSI	Ant Broads and Marshes	113	Alnus glutinosa - Carex paniculata Woodland	-	-	0.151	0.011	-	-	-	**1.5%**	0.8%	**2.0%**	0.6%
				Alnus glutinosa - Urtica dioica Woodland	-	-	0.151	0.011	-	-	-	**1.5%**	0.8%	**2.0%**	0.6%
				Salix Cinerea - Betula Pubescens - Phragmites Australis Woodland	-	-	0.151	0.011	-	-	-	**1.5%**	0.8%	**2.0%**	0.6%
21	SSSI	Trinity Broads	0	Alnus glutinosa - Carex paniculata Woodland	3.919	0.171	2.210	0.155	**13.1%**	**17.1%**	**5.7%**	**22.1%**	**11.1%**	**29.8%**	**3.5%**
				Cladium Mariscus Swamp And Sedge-Beds	3.919	0.171	1.333	-	**13.1%**	**17.1%**	**5.7%**	**8.9%**	**4.4%**	-	-
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	3.919	0.171	1.333	0.093	**13.1%**	**17.1%**	**5.7%**	**8.9%**	**4.4%**	**16.9%**	**2.1%**
				Phragmites Australis - Peucedanum Palustris Tall-Herb Fen	3.919	0.171	1.333	-	**13.1%**	**17.1%**	**5.7%**	**8.9%**	**4.4%**	-	-
				Salix Cinerea - Betula Pubescens -	3.919	0.171	2.210	0.155	**13.1%**	**17.1%**	**5.7%**	**22.1%**	**11.1%**	**29.8%**	**3.5%**

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Phragmites Australis Woodland											
				Vascular plant assemblage	3.919	0.171	-	-	13.1%	5.7%	5.7%	-	-	-	-
				Vascular plant assemblage	3.919	0.171	-	-	13.1%	5.7%	5.7%	-	-	-	-
				Anas clypeata	3.919	-	-	-	13.1%	-	-	-	-	-	-
				Aythya ferina	3.919	0.171	-	-	13.1%	5.7%	5.7%	-	-	-	-
				Aythya ferina	3.919	0.171	1.333	-	13.1%	5.7%	5.7%	6.7%	4.4%	-	-
				Aythya fuligula	3.919	0.171	-	-	13.1%	5.7%	5.7%	-	-	-	-
				Aythya fuligula	3.919	0.171	1.333	-	13.1%	5.7%	5.7%	6.7%	4.4%	-	-
				Botaurus stellaris	3.919	0.171	1.333	-	13.1%	5.7%	5.7%	8.9%	4.4%	-	-
				Circus aeruginosus	3.919	0.171	1.333	-	13.1%	5.7%	5.7%	8.9%	4.4%	-	-
				Invertebrate assemblage	3.919	0.171	-	-	13.1%	5.7%	5.7%	-	-	-	-
				Lowland open waters and their margins	3.919	0.171	-	-	13.1%	-	-	-	-	-	-
				Lutra lutra	3.919	0.171	-	-	13.1%	5.7%	5.7%	-	-	-	-
	SAC	The Broads	0	Alkaline fens	3.919	0.171	1.333	-	13.1%	17.1%	17.1%	8.9%	4.4%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	3.919	0.171	-	-	**13.1%**	**17.1%**	**17.1%**	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	3.919	0.171	1.333	-	**13.1%**	**17.1%**	**5.7%**	**8.9%**	**4.4%**	-	-
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	3.919	0.171	-	-	**13.1%**	**17.1%**	**5.7%**	-	-	-	-
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	3.919	0.171	1.333	0.093	**13.1%**	**17.1%**	**5.7%**	**8.9%**	**5.3%**	**17.2%**	**2.0%**
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	3.919	0.171	-	-	**13.1%**	**17.1%**	**5.7%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Transition mires and quaking bogs	3.919	0.171	1.333	0.093	**13.1%**	**17.1%**	**17.1%**	**13.3%**	**8.9%**	**18.8%**	**17.7%**
				Liparis loeselii	3.919	0.171	1.333	0.093	**13.1%**	**5.7%**	**5.7%**	**13.3%**	**6.7%**	**1.9%**	**1.8%**
				Anisus vorticulus	3.919	0.171	-	-	**13.1%**	**5.7%**	**5.7%**	-	-	-	-
				Lutra lutra	3.919	0.171	-	-	**13.1%**	**5.7%**	**5.7%**	-	-	-	-
				Vertigo moulinsiana	3.919	0.171	-	-	**13.1%**	**5.7%**	**5.7%**	-	-	-	-
25	SSSI	Breydon Water	1	Zostera Communities	11.779	0.514	-	-	**39.3%**	**51.4%**	**17.1%**	-	-	-	-
				Vascular plant assemblage	11.779	0.514	-	-	**39.3%**	**17.1%**	**17.1%**	-	-	-	-
				Vascular plant assemblage	11.779	0.514	-	-	**39.3%**	**17.1%**	**17.1%**	-	-	-	-
				Anas penelope	11.779	0.514	-	-	**39.3%**	**17.1%**	**17.1%**	-	-	-	-
				Anas penelope	11.779	0.514	4.005	-	**39.3%**	**17.1%**	**17.1%**	**20.0%**	**13.3%**	-	-
				Cygnus columbianus bewickii	11.779	-	-	-	**39.3%**	-	-	-	-	-	-
				Tadorna tadorna	11.779	0.514	4.005	-	**39.3%**	**17.1%**	**17.1%**	**20.0%**	**13.3%**	-	-
	SPA	Breydon Water	1	Cygnus columbianus bewickii (Western Siberia/North-	11.839	0.516	-	-	**39.3%**	**17.1%**	**17.1%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				eastern & North-western Europe)											
				Philomachus pugnax (Western Africa - wintering)	11.839	0.516	4.025	0.282	**39.3%**	**17.1%**	**17.1%**	**20.0%**	**13.3%**	**25.4%**	**6.1%**
				Philomachus pugnax (Western Africa - wintering)	11.839	0.516	4.025	-	**39.3%**	**17.1%**	**17.1%**	**20.0%**	**13.3%**	-	-
				Pluvialis apricaria [North-western Europe]	11.839	0.516	4.025	0.282	**39.3%**	**17.1%**	**17.1%**	**20.0%**	**13.3%**	**25.4%**	**6.1%**
				Pluvialis apricaria [North-western Europe]	11.839	0.516	4.025	0.282	**39.3%**	**17.1%**	**17.1%**	**20.0%**	**13.3%**	**5.8%**	**5.5%**
				Pluvialis apricaria [North-western Europe]	11.839	0.516	4.025	-	**39.3%**	**17.1%**	**17.1%**	**20.0%**	**13.3%**	-	-
				Recurvirostra avosetta (Western Europe/Western Mediterranean - breeding)	11.839	0.516	4.025	-	**39.3%**	**17.1%**	**17.1%**	**20.0%**	**13.3%**	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	11.839	0.516	-	0.282	**39.3%**	**17.1%**	**17.1%**	-	-	**25.4%**	**6.1%**

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Sterna hirundo (Northern/Eastern Europe - breeding)	11.839	0.516	4.025	0.282	**39.3%**	**17.1%**	**17.1%**	**40.0%**	**26.7%**	**5.8%**	**5.5%**
				Sterna hirundo (Northern/Eastern Europe - breeding)	11.839	0.516	4.025	-	**39.3%**	**17.1%**	**17.1%**	**50.1%**	**40.0%**	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	11.839	0.516	4.025	-	**39.3%**	**17.1%**	**17.1%**	**40.0%**	**20.0%**	-	-
				Vanellus vanellus (Europe - breeding)	11.839	0.516	4.025	-	**39.3%**	**17.1%**	**17.1%**	**20.0%**	**13.3%**	-	-
	LNR	Breydon Water	1	-	11.839	0.516	-	-	**39.3%**	**17.1%**	**17.1%**	-	-	-	-
28	Ancient woodland	Foxburrow Wood	1	Broadleaved (MAGIC)	4.709	0.205	2.656	0.186	**15.7%**	**20.5%**	**6.8%**	**26.6%**	**13.3%**	**10.1%**	**10.1%**
30	Ancient woodland	Raveningham Covert	0	Broadleaved (MAGIC)	7.349	0.320	4.145	0.290	**24.5%**	**32.0%**	**10.7%**	**41.4%**	**20.7%**	**10.7%**	**10.7%**
	Ancient woodland	Blacks Grove	165	Broadleaved (MAGIC)	0.353	0.013	0.265	0.019	**1.2%**	**1.3%**	0.4%	**2.6%**	**1.3%**	0.7%	0.7%
	SSSI	Barnby Broad & Marshes	48	Glyceria Maxima Swamp	0.970	0.026	-	-	**3.2%**	**2.6%**	0.9%	-	-	-	-
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.970	0.026	0.279	0.020	**3.2%**	**2.6%**	0.9%	**1.9%**	0.9%	**3.5%**	0.4%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	0.970	0.026	0.279	0.020	**3.2%**	**2.6%**	0.9%	**1.9%**	0.9%	**3.5%**	0.4%
				Vascular plant assemblage	0.970	-	-	-	**3.2%**	**-**	-	-	-	-	-
				Vascular plant assemblage	0.970	-	-	-	**3.2%**	**-**	-	-	-	-	-
	SAC	The Broads	48	Alkaline fens	0.970	0.026	0.279	-	**3.2%**	**2.6%**	**2.6%**	**1.9%**	0.9%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.970	0.026	-	-	**3.2%**	**2.6%**	**2.6%**	**-**	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.970	0.026	0.279	-	**3.2%**	**2.6%**	0.9%	**1.9%**	0.9%	-	-
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	0.970	0.026	-	-	**3.2%**	**2.6%**	0.9%	**-**	-	-	-
				Molinia meadows on calcareous, peaty or	0.970	0.026	0.279	0.020	**3.2%**	**2.6%**	0.9%	**1.9%**	**1.1%**	**3.6%**	0.4%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
					NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
	Site Type	Name			µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				clayey-silt-laden soils (Molinion caeruleae)											
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	0.970	0.026	-	-	**3.2%**	**2.6%**	0.9%	-	-	-	-
				Transition mires and quaking bogs	0.970	0.026	0.279	0.020	**3.2%**	**2.6%**	**2.6%**	**2.8%**	**1.9%**	**3.9%**	**3.7%**
				Liparis loeselii	0.970	0.026	0.279	0.020	**3.2%**	0.9%	0.9%	**2.8%**	**1.4%**	0.4%	0.4%
				Anisus vorticulus	0.970	-	-	-	**3.2%**	-	-	-	-	-	-
				Lutra lutra	0.970	-	-	-	**3.2%**	-	-	-	-	-	-
				Vertigo moulinsiana	0.970	-	-	-	**3.2%**	-	-	-	-	-	-
	SPA	Broadland	48	Anas clypeata (North-western/Central Europe)	0.970	-	-	-	**3.2%**	-	-	-	-	-	-
				Anas penelope (Western Siberia/North-western/North-eastern Europe)	0.970	-	-	-	**3.2%**	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Anas penelope (Western Siberia/North-western/North-eastern Europe)	0.970	-	0.279	-	**3.2%**	-	-	**1.4%**	0.9%	-	-
				Anas strepera (North-western Europe)	0.970	-	-	-	**3.2%**	-	-	-	-	-	-
				Botaurus stellaris (Europe - breeding)	0.970	-	0.279	-	**3.2%**	-	-	**1.9%**	0.9%	-	-
				Circus aeruginosus	0.970	-	0.279	-	**3.2%**	-	-	**1.9%**	0.9%	-	-
				Circus cyaneus	0.970	-	0.279	0.020	**3.2%**	-	-	**2.8%**	**1.4%**	**2.3%**	0.4%
				Circus cyaneus	0.970	-	0.279	-	**3.2%**	-	-	**1.9%**	0.9%	-	-
				Circus cyaneus	0.970	-	0.279	-	**3.2%**	-	-	**1.4%**	0.9%	-	-
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.970	-	-	-	**3.2%**	-	-	-	-	-	-
				Cygnus columbianus bewickii (Western Siberia/North-	0.970	-	-	-	**3.2%**	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
					NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
	Site Type	Name			$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				eastern & North-western Europe)											
				Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	0.970	-	-	-	**3.2%**	-	-	-	-	-	-
				Cygnus cygnus (Iceland/UK/Ireland)	0.970	-	-	-	**3.2%**	-	-	-	-	-	-
				Cygnus cygnus (Iceland/UK/Ireland)	0.970	-	-	-	**3.2%**	-	-	-	-	-	-
				Philomachus pugnax (Western Africa - wintering)	0.970	-	0.279	0.020	**3.2%**	-	-	**1.4%**	0.9%	**3.6%**	0.4%
				Philomachus pugnax (Western Africa - wintering)	0.970	-	0.279	0.020	**3.2%**	-	-	**1.4%**	0.9%	0.4%	0.4%
				Philomachus pugnax (Western Africa - wintering)	0.970	-	0.279	-	**3.2%**	-	-	**1.4%**	0.9%	-	-
31	LNR	Whitlingham	25	-	3.683	0.094	-	-	**12.3%**	**3.1%**	**3.1%**	-	-	-	-
	LNR	Whitlingham	1	-	16.742	0.730	-	-	**55.8%**	**24.3%**	**24.3%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
	LNR	Whitlingham Marsh, Whitlingham	0	-	16.742	0.730	-	-	**55.8%**	**24.3%**	**24.3%**	-	-	-	-
34	SSSI	Damgate Marshes, Acle**	0	Vascular plant assemblage - Vascular Plant Assemblage	8.413	0.369*	-	-	**28.0%**	**12.3%**	**12.3%**	-	-	-	-
	SAC	The Broads**	0	Alkaline fens	8.413	0.369*	2.872*	-	**28.0%**	**36.9%**	**36.9%**	**19.1%**	**9.6%**	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	8.413	0.369*	-	-	**28.0%**	**36.9%**	**36.9%**	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	8.413	0.369*	2.872*	-	**28.0%**	**36.9%**	**12.3%**	**19.1%**	**9.6%**	-	-
				Hard oligo-mesotrophic waters with benthic vegetation of Chara spp	8.413	0.369*	-	-	**28.0%**	**36.9%**	**12.3%**	-	-	-	-
				Molinia meadows on calcareous, peaty or	8.413	0.369*	2.872*	0.201	**28.0%**	**36.9%**	**12.3%**	**19.1%**	**11.5%**	**37.1%**	**4.4%**

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				clayey-silt-laden soils (Molinion caeruleae)											
				Natural eutrophic lakes with Magnopotamion or Hydrocharition - type vegetation	8.413	0.369*	-	-	**28.0%**	**36.9%**	**12.3%**	-	-	-	-
				Transition mires and quaking bogs	8.413	0.369*	2.872*	0.201	**28.0%**	**36.9%**	**36.9%**	**28.7%**	**19.1%**	**40.4%**	**38.1%**
				Liparis loeselii	8.413	0.369*	2.872*	0.201	**28.0%**	**36.9%**	**12.3%**	**28.7%**	**14.4%**	**4.1%**	**4.0%**
				Anisus vorticulus	8.413	0.369*	-	-	**28.0%**	**12.3%**	**12.3%**	-	-	-	-
				Lutra lutra	8.413	0.369*	-	-	**28.0%**	**12.3%**	**12.3%**	-	-	-	-
				Vertigo moulinsiana	8.413	0.369*	-	-	**28.0%**	**12.3%**	**12.3%**	-	-	-	-
	SSSI	Breydon Water	35	Zostera Communities	1.481	0.038	-	-	**4.9%**	**3.8%**	**1.3%**	-	-	-	-
				Vascular plant assemblage	1.481	0.038	-	-	**4.9%**	**1.3%**	**1.3%**	-	-	-	-
				Vascular plant assemblage	1.481	0.038	-	-	**4.9%**	**1.3%**	**1.3%**	-	-	-	-
				Anas penelope	1.481	0.038	-	-	**4.9%**	**1.3%**	**1.3%**	-	-	-	-
				Anas penelope	1.481	0.038	0.395	-	**4.9%**	**1.3%**	**1.3%**	**2.0%**	**1.3%**	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution											
					Concentration or Flux				% of Critical Level or Critical Load							
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.		
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Cygnus columbianus bewickii	1.481	-	-	-	**4.9%**	-	-	-	-	-	-
				Tadorna tadorna	1.481	0.038	0.395	-	**4.9%**	**1.3%**	**1.3%**	**2.0%**	**1.3%**	-	-
	SPA	Breydon Water	35	Cygnus columbianus bewickii (Western Siberia/North-eastern & North-western Europe)	1.481	0.038	-	0.028	**4.9%**	**1.3%**	**1.3%**	-	-	**2.5%**	0.6%
				Philomachus pugnax (Western Africa - wintering)	1.481	0.038	0.395	-	**4.9%**	**1.3%**	**1.3%**	**2.0%**	**1.3%**	-	-
				Philomachus pugnax (Western Africa - wintering)	1.481	0.038	0.395	-	**4.9%**	**1.3%**	**1.3%**	**2.0%**	**1.3%**	-	-
				Pluvialis apricaria [North-western Europe]	1.481	0.038	0.395	0.028	**4.9%**	**1.3%**	**1.3%**	**2.0%**	**1.3%**	**2.5%**	0.6%
				Pluvialis apricaria [North-western Europe]	1.481	0.038	0.395	0.028	**4.9%**	**1.3%**	**1.3%**	**2.0%**	**1.3%**	0.6%	0.5%
				Pluvialis apricaria [North-western Europe]	1.481	0.038	0.395	-	**4.9%**	**1.3%**	**1.3%**	**2.0%**	**1.3%**	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution											
					Concentration or Flux				% of Critical Level or Critical Load							
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.		
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Recurvirostra avosetta (Western Europe/Western Mediterranean - breeding)	1.481	0.038	0.395	-	**4.9%**	**1.3%**	**1.3%**	**2.0%**	**1.3%**	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	1.481	0.038	-	0.028	**4.9%**	**1.3%**	**1.3%**	**-**	**-**	2.5%	0.6%
				Sterna hirundo (Northern/Eastern Europe - breeding)	1.481	0.038	0.395	0.028	**4.9%**	**1.3%**	**1.3%**	**4.0%**	**2.6%**	0.6%	0.5%
				Sterna hirundo (Northern/Eastern Europe - breeding)	1.481	0.038	0.395	-	**4.9%**	**1.3%**	**1.3%**	**4.9%**	**4.0%**	-	-
				Sterna hirundo (Northern/Eastern Europe - breeding)	1.481	0.038	0.395	-	**4.9%**	**1.3%**	**1.3%**	**4.0%**	**2.0%**	-	-
				Vanellus vanellus (Europe - breeding)	1.481	0.038	0.395	-	**4.9%**	**1.3%**	**1.3%**	**2.0%**	**1.3%**	-	-
	LNR	Breydon Water	40	-	1.481	0.038	-	-	**4.9%**	**1.3%**	**1.3%**	**-**	**-**	-	-
35	Ancient woodland	Unnamed (ID 2)	105	Unknown, assumed conifer as worst case	0.745	0.022	0.431	0.030	**2.5%**	**2.2%**	0.7%	**8.6%**	**2.9%**	**1.7%**	**1.7%**
40	Ancient woodland	Unnamed (ID 3)	17	Broadleaved (MAGIC)	3.325	0.077	1.263	0.088	**10.9%**	**7.7%**	**2.6%**	**12.6%**	**6.3%**	**5.1%**	**5.1%**

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
	Ancient woodland	Sprowston Wood	75	Conifer (MAGIC)	1.026	0.028	0.533	0.037	**3.4%**	**2.8%**	0.9%	**10.7%**	**3.6%**	**2.2%**	**2.2%**
43	Ancient woodland	Unnamed (ID 4)	160	Broadleaved (MAGIC)	-	-	0.198	0.014	-	-	-	**2.0%**	1.0%	**1.3%**	**1.3%**
49	SSSI	Buxton Heath	50	Calluna Vulgaris - Ulex Gallii Heath	0.579	-	-	0.012	**1.9%**	-	-	-	-	**1.3%**	0.7%
				Erica Tetralix - Sphagnum Compactum Wet Heath	0.579	-	-	0.012	**1.9%**	-	-	-	-	**1.3%**	0.7%
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	0.579	-	-	0.012	**1.9%**	-	-	-	-	**1.9%**	**1.0%**
				Molinia Caerula - Cirsium Dissectum Fen-Meadow	0.579	-	-	0.012	**1.9%**	-	-	-	-	**1.9%**	**1.0%**
				Schoenus Nigricans - Juncus Subnodulosus Mire	0.579	-	-	-	**1.9%**	-	-	-	-	-	-
				Invertebrate assemblage	0.579	-	-	-	**1.9%**	-	-	-	-	-	-
				Plebejus argus	0.579	-	-	-	**1.9%**	-	-	-	-	-	-
	SAC		50	Alkaline fens	0.579	-	0.167	-	**1.9%**	-	-	**1.1%**	0.6%	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution											
					Concentration or Flux				% of Critical Level or Critical Load							
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.		
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
		Norfolk Valley Fens		Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	0.579	-	-	-	**1.9%**	-	-	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	0.579	-	0.167	-	**1.9%**	-	-	**1.1%**	0.6%	-	-
				European dry heaths	0.579	-	0.167	0.012	**1.9%**	-	-	**1.7%**	0.8%	**1.3%**	0.2%
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	0.579	-	0.167	0.012	**1.9%**	-	-	**1.1%**	0.7%	**1.9%**	0.3%
				Northern Atlantic wet heaths with Erica tetralix	0.579	-	0.167	0.012	**1.9%**	-	-	**1.7%**	0.8%	**1.3%**	0.2%
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (*	0.579	-	0.167	0.012	**1.9%**	-	-	**1.1%**	0.7%	0.2%	0.2%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				important orchid sites)											
				Vertigo angustior	0.579	-	-	0.012	**1.9%**	-	-	-	-	0.2%	0.2%
				Vertigo angustior	0.579	-	0.167	-	**1.9%**	-	-	**3.3%**	**1.7%**	-	-
				Vertigo moulinsiana	0.579	-	-	-	**1.9%**	-	-	-	-	-	-
	Ancient woodland	Great Wood	160	Conifer (MAGIC)	-	-	0.158	0.011	-	-	-	3.2%	**1.1%**	0.9%	0.9%
51	SSSI	Cawston and Marsham Heaths	90	Calluna Vulgaris - Ulex Gallii Heath	0.488	0.013	0.149	0.010	**1.6%**	**1.3%**	0.4%	**1.5%**	0.7%	0.8%	0.6%
59	SSSI	Holt Lowes	0	Calluna Vulgaris - Ulex Gallii Heath	3.003	0.131	1.021	0.071	**10.0%**	**13.1%**	**4.4%**	**10.2%**	**5.1%**	**5.2%**	**4.0%**
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	3.003	0.131	1.021	0.071	**10.0%**	**13.1%**	**4.4%**	**6.8%**	**3.4%**	**10.0%**	**6.4%**
				Schoenus Nigricans - Juncus Subnodulosus Mire	3.003	0.131	1.021	-	**10.0%**	**13.1%**	**13.1%**	**6.8%**	**3.4%**	-	-
				Schoenus Nigricans - Narthecium Ossifragum Mire	3.003	0.131	1.021	0.071	**10.0%**	**13.1%**	**13.1%**	**10.2%**	**6.8%**	**13.2%**	**13.0%**
				Invertebrate assemblage	3.003	0.131	-	-	**10.0%**	**4.4%**	**4.4%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
	SAC	Norfolk Valley Fens	0	Alkaline fens	3.003	0.131	1.021	-	10.0%	13.1%	13.1%	6.8%	3.4%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	3.003	0.131	-	-	10.0%	13.1%	13.1%	-	-	-	-
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	3.003	0.131	1.021	-	10.0%	13.1%	4.4%	6.8%	3.4%	-	-
				European dry heaths	3.003	0.131	1.021	0.071	10.0%	13.1%	13.1%	10.2%	5.1%	8.1%	1.4%
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	3.003	0.131	1.021	0.071	10.0%	13.1%	4.4%	6.8%	4.1%	11.8%	1.6%
				Northern Atlantic wet heaths with Erica tetralix	3.003	0.131	1.021	0.071	10.0%	13.1%	13.1%	10.2%	5.1%	8.1%	1.4%
				Semi-natural dry grasslands and scrubland facies on calcareous	3.003	0.131	1.021	0.071	10.0%	13.1%	13.1%	6.8%	4.1%	1.5%	1.4%

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				substrates (Festuco-Brometalia) (* important orchid sites)											
				Vertigo angustior	3.003	0.131	1.021	0.071	**10.0%**	**4.4%**	**4.4%**	**5.1%**	**3.4%**	**1.5%**	**1.4%**
				Vertigo angustior	3.003	0.131	1.021	-	**10.0%**	**4.4%**	**4.4%**	**20.4%**	**10.2%**	-	-
				Vertigo moulinsiana	3.003	0.131	-	-	**10.0%**	**4.4%**	**4.4%**	-	-	-	-
79	SSSI	River Wensum	0	Carex Acutiformis Swamp	5.809	0.253	-	-	**19.4%**	**25.3%**	**8.4%**	-	-	-	-
				Carex Paniculata Swamp	5.809	0.253	1.975	0.138	**19.4%**	**25.3%**	**8.4%**	**13.2%**	**6.6%**	-	-
				Glyceria Maxima Swamp	5.809	0.253	-	-	**19.4%**	**25.3%**	**8.4%**	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	5.809	0.253	1.975	0.138	**19.4%**	**25.3%**	**8.4%**	**13.2%**	**6.6%**	-	-
				Phragmites Australis Swamp And Reed-Beds	5.809	0.253	1.975	0.138	**19.4%**	**25.3%**	**8.4%**	**13.2%**	**6.6%**	-	-
				Austropotamobius pallipes	5.809	0.253	-	-	**19.4%**	**8.4%**	**8.4%**	-	-	-	-
				Vertigo moulinsiana	5.809	0.253	-	-	**19.4%**	**8.4%**	**8.4%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution											
					Concentration or Flux				% of Critical Level or Critical Load							
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.		
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	5.809	0.253	-	0.138	**19.4%**	-	-	-	-	-	-
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	5.809	0.253	-	-	**19.4%**	**8.4%**	**8.4%**	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	5.809	0.253	-	-	**19.4%**	**8.4%**	**8.4%**	-	-	-	-
				Lampetra planeri - Brook lamprey (S1096)	5.809	0.253	-	-	**19.4%**	**8.4%**	**8.4%**	-	-	-	-
				Cottus gobio - Bullhead (S1163)	5.809	0.253	-	-	**19.4%**	**8.4%**	**8.4%**	-	-	-	-
80	SSSI	River Wensum	0	Carex Acutiformis Swamp	4.188	0.183	-	-	**14.0%**	**18.3%**	**6.1%**	-	-	-	-
				Carex Paniculata Swamp	4.188	0.183	1.424	0.100	**14.0%**	**18.3%**	**6.1%**	**9.5%**	**4.7%**	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Glyceria Maxima Swamp	4.188	0.183	-	-	**14.0%**	**18.3%**	**6.1%**	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	4.188	0.183	1.424	-	**14.0%**	**18.3%**	**6.1%**	**9.5%**	**4.7%**	-	-
				Phragmites Australis Swamp And Reed-Beds	4.188	0.183	1.424	-	**14.0%**	**18.3%**	**6.1%**	**9.5%**	**4.7%**	-	-
				Austropotamobius pallipes	4.188	0.183	-	-	**14.0%**	**6.1%**	**6.1%**	-	-	-	-
				Vertigo moulinsiana	4.188	0.183	-	-	**14.0%**	**6.1%**	**6.1%**	-	-	-	-
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	4.188	0.183	-	0.100	**14.0%**	-	-	-	-	-	-
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	4.188	0.183	-	-	**14.0%**	**6.1%**	**6.1%**	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic	4.188	0.183	-	-	**14.0%**	**6.1%**	**6.1%**	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				stream) crayfish (S1092)											
				Lampetra planeri - Brook lamprey (S1096)	4.188	0.183	-	-	**14.0%**	**6.1%**	**6.1%**	-	-	-	-
				Cottus gobio - Bullhead (S1163)	4.188	0.183	-	-	**14.0%**	**6.1%**	**6.1%**	-	-	-	-
	SSSI	River Wensum	110	Carex Acutiformis Swamp	0.318	-	-	-	**1.1%**	-	-	-	-	-	-
				Carex Paniculata Swamp	0.318	-	-	-	**1.1%**	-	-	-	-	-	-
				Glyceria Maxima Swamp	0.318	-	-	-	**1.1%**	-	-	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.318	-	-	-	**1.1%**	-	-	-	-	-	-
				Phragmites Australis Swamp And Reed-Beds	0.318	-	-	-	**1.1%**	-	-	-	-	-	-
				Austropotamobius pallipes	0.318	-	-	-	**1.1%**	-	-	-	-	-	-
				Vertigo moulinsiana	0.318	-	-	-	**1.1%**	-	-	-	-	-	-
	SAC	River Wensum	110	Water courses of plain to montane	0.318	-	-	-	**1.1%**	-	-	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)											
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	0.318	-	-	-	**1.1%**	-	-	-	-	-	-
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	0.318	-	-	-	**1.1%**	-	-	-	-	-	-
				Lampetra planeri - Brook lamprey (S1096)	0.318	-	-	-	**1.1%**	-	-	-	-	-	-
				Cottus gobio - Bullhead (S1163)	0.318	-	-	-	**1.1%**	-	-	-	-	-	-
85	Ancient woodland	Mouse Wood	0	Unknown, assumed conifer as a worst case	0.835	0.036	0.471	0.033	**2.8%**	**3.6%**	**1.2%**	**9.4%**	**3.1%**	0.3%	0.3%
86	SSSI	Holly Farm Meadow, Wendling	7	Cynosurus Cristatus - Caltha Palustris Grassland	3.540	0.078	0.696	0.049	**11.8%**	**2.6%**	**2.6%**	**3.5%**	**2.3%**	**7.0%**	**1.1%**

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Cynosurus Cristatus - Caltha Palustris Grassland	3.540	0.078	0.696	0.049	11.8%	2.6%	2.6%	3.5%	2.3%	1.0%	1.0%
				Juncus Subnodulosus - Cirsium Palustre Fen Meadow	3.540	0.078	0.696	0.049	11.8%	7.8%	2.6%	4.6%	2.3%	7.0%	1.1%
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	3.540	0.078	0.696	-	11.8%	7.8%	2.6%	4.6%	2.3%	-	-
	SSSI	Potter & Scarning Fens, East Dereham	1	Juncus Subnodulosus - Cirsium Palustre Fen Meadow	6.104	0.266	2.075	0.145	20.3%	26.6%	8.9%	13.8%	6.9%	3.3%	3.3%
				Schoenus Nigricans - Juncus Subnodulosus Mire	6.104	0.266	2.075	-	20.3%	26.6%	8.9%	13.8%	6.9%	-	-
				Ceriagrion tenellum	6.104	-	-	-	20.3%	-	-	-	-	-	-
				Invertebrate assemblage	6.104	0.266	-	-	20.3%	8.9%	8.9%	-	-	-	-
	SAC	Norfolk Valley Fens	<5	Alkaline fens	6.104	0.266	2.075	-	20.3%	26.6%	26.6%	13.8%	6.9%	-	-
				Alluvial forests with Alnus glutinosa and Fraxinus excelsior	6.104	0.266	-	-	20.3%	26.6%	26.6%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				(Alno-Padion, Alnion incanae, Salicion albae)											
				Calcareous fens with Cladium mariscus and species of the Caricion davallianae	6.104	0.266	2.075	-	**20.3%**	**26.6%**	**8.9%**	**13.8%**	**6.9%**	-	-
				European dry heaths	6.104	0.266	2.075	0.145	**20.3%**	**26.6%**	**26.6%**	**20.8%**	**10.4%**	**16.5%**	**2.9%**
				Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	6.104	0.266	2.075	0.145	**20.3%**	**26.6%**	**8.9%**	**13.8%**	**8.3%**	**24.0%**	**3.3%**
				Northern Atlantic wet heaths with Erica tetralix	6.104	0.266	2.075	0.145	**20.3%**	**26.6%**	**26.6%**	**20.8%**	**10.4%**	**16.5%**	**2.9%**
				Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	6.104	0.266	2.075	0.145	**20.3%**	**26.6%**	**26.6%**	**13.8%**	**8.3%**	**3.0%**	**2.9%**

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					µg.m^{-3}	µg.m^{-3}	kgN.ha^{-1}.yr^{-1}	kgN.ha^{-1}.yr^{-1}	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Vertigo angustior	6.104	0.266	2.075	0.145	20.3%	8.9%	8.9%	10.4%	6.9%	3.0%	2.9%
				Vertigo angustior	6.104	0.266	2.075	-	20.3%	8.9%	8.9%	41.5%	20.8%	-	-
				Vertigo moulinsiana	6.104	0.266	-	-	20.3%	8.9%	8.9%	-	-	-	-
87	SSSI	East Winch Common	0	Calluna Vulgaris - Festuca Ovina Heath	4.669	0.204	1.588	0.111	15.6%	20.4%	20.4%	15.9%	7.9%	11.8%	2.4%
				Erica Tetralix - Sphagnum Compactum Wet Heath	4.669	0.204	1.588	0.111	15.6%	20.4%	20.4%	15.9%	7.9%	11.8%	2.4%
88	Ancient woodland	Reffley Wood	5	Conifer (MAGIC)	5.363	0.116	1.728	0.121	17.9%	11.6%	3.9%	34.6%	11.5%	1.4%	1.4%
				Broadleaved (MAGIC)	5.363	0.116	1.728	0.121	17.9%	11.6%	3.9%	17.3%	8.6%	1.4%	1.4%
114	Ancient woodland	Unnamed (ID 6)	0	Broadleaved (MAGIC)	14.152	0.617	7.982	0.559	47.2%	61.7%	20.6%	79.8%	39.9%	20.4%	20.4%
	Ancient woodland	Smeeth Wood	30	Broadleaved (MAGIC)	2.491	0.064	1.132	0.079	8.3%	6.4%	2.1%	11.3%	5.7%	2.9%	2.9%
125	LNR	Danby Wood	43	-	1.369	-	-	-	4.6%	-	-	-	-	-	-
	LNR	Marston Marshes	105	-	0.591	-	-	-	2.0%	-	-	-	-	-	-
133	SSSI	River Wensum	0	Carex Acutiformis Swamp	0.331	0.014	-	0.008	1.1%	1.4%	0.5%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution										
					Concentration or Flux				% of Critical Level or Critical Load						
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.	
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Carex Paniculata Swamp	0.331	0.014	-	-	**1.1%**	**1.4%**	0.5%	-	-	-	-
				Glyceria Maxima Swamp	0.331	0.014	-	-	**1.1%**	**1.4%**	0.5%	-	-	-	-
				Phragmites Australis - Eupatorium Cannabinum Tall-Herb Fen	0.331	0.014	-	-	**1.1%**	**1.4%**	0.5%	-	-	-	-
				Phragmites Australis Swamp And Reed-Beds	0.331	0.014	-	-	**1.1%**	**1.4%**	0.5%	-	-	-	-
				Austropotamobius pallipes	0.331	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-
				Vertigo moulinsiana	0.331	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-
	SAC	River Wensum	0	Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation (H3260)	0.331	0.014	-	0.008	**1.1%**	-	-	-	-	-	-
				Vertigo moulinsiana - Desmoulin`s whorl snail (S1016)	0.331	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-

Link	Designated Ecological Site		Distance from affected road link (m)	Feature Name(s)[1]	'SEP and DEP Concurrently' In-combination Contribution											
					Concentration or Flux				% of Critical Level or Critical Load							
	Site Type	Name			NOx	NH_3	N-dep	Acid dep.	NOx	NH_3		N-dep		Acid dep.		
					$\mu g.m^{-3}$	$\mu g.m^{-3}$	$kgN.ha^{-1}.yr^{-1}$	$kgN.ha^{-1}.yr^{-1}$	-	% of lower CL	% of upper CL	% of lower CL	% of upper CL	% of lower CL	% of upper CL
				Austropotamobius pallipes - White-clawed (or Atlantic stream) crayfish (S1092)	0.331	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-
				Lampetra planeri - Brook lamprey (S1096)	0.331	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-
				Cottus gobio - Bullhead (S1163)	0.331	0.014	-	-	**1.1%**	0.5%	0.5%	-	-	-	-
136	SSSI	Alderford Common	0*	Cynosurus Cristatus - Centaurea Nigra Grassland	0.331	-	-	0.008	**1.1%**	-	-	-	-	**1.1%**	**1.1%**
				Cynosurus Cristatus - Centaurea Nigra Grassland	0.331	-	-	0.008	**1.1%**	-	-	-	-	0.2%	0.2%
138	SSSI	Alderford Common	0	Cynosurus Cristatus - Centaurea Nigra Grassland	0.329	-	-	0.009	**1.1%**	-	-	-	-	**1.1%**	**1.1%**
				Cynosurus Cristatus - Centaurea Nigra Grassland	0.329	-	-	0.009	**1.1%**	-	-	-	-	0.2%	0.2%

[1]Feature name(s) may be repeated in the table as a feature may have more than one nitrogen/acid Critical Load classes within them
*Road goes over/through designated site boundary. However, sensitive habitats may not be located this close to the road/be present.
**In-combination of agricultural contribution from BDC Application Number 20201399 (AS Modelling & Data Ltd., 2020)