The Great Grid Upgrade

North Humber to High Marnham

Preliminary Environmental Information Report

Volume 3: Appendix 9.2 Preliminary Assessment Tables

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Contents

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1. Introduction

1.1 Overview

1.1.1 This Appendix to the Preliminary Environmental Information Report (PEIR) document presents the Preliminary Assessment tables of non-significant effects, for **Chapter 9 Ornithology** in Volume 1.

- Table 1.1– Preliminary assessment of effects on statutory designated sites;
- Table 1.2 - Preliminary assessment of effects on non-statutory designated sites;
- Table 1.3 - Preliminary assessment of effects on species assemblages; and
- Table 1.4 - Preliminary assessment of effects on species.

Table 1.1 - Preliminary assessment of effects on statutory designated sites.

Receptor	Project stage	Relevant Route Section(s)[1]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Lower Derwent Valley SPA/Ramsar (International)	Operation	3 and 4	Potential for effects on qualifying species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Avoidance of the designated site with a standoff of at least 14.25 km; Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Yorkshire Wolds, Humberhead Levels and at the River Ouse crossing following an existing barrier rather than introducing a discrete new barrier; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing.
Lower Derwent Valley SPA/Ramsar (International)	Operation	3 and 4	Potential for collision mortality on non-breeding birds due to permanent structures/barriers across potential migration route along the River Ouse	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing following an existing barrier rather than introducing a discrete new barrier;	Not significant	Moderate – baseline data suggest this impact is unlikely to be significant. Baseline data indicate no occurrence of Bewick's swan to date, which would be the most vulnerable to collisions based on the bird's size and high wing loading. Occurrences of

[1] Construction and maintenance phase impacts are assigned to the Route Section(s) in which that impact is expected to occur, which may not be the same as the Route Sections that overlap the full extent of the designated site; for operational impacts the relevant route sections are matched to the observed or expected home range, foraging range or breeding range of the qualifying species present.

Receptor	Project stage	Relevant Route Section(s)[1]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Control and management measures: GG01.		qualifying species in common with the Humber Estuary SPA are unlikely to be attributable to the Derwent Valley SPA, however this cannot be demonstrated beyond reasonable doubt. Without evidence to the contrary, it is assumed that they are part of the Humber Estuary SPA/Ramsar assemblage, due to the distance of the Lower Derwent Valley Designations from the draft Order Limits. Surveys and desk study are ongoing.
Humber Estuary SPA/Ramsar (International) Humber Estuary SSSI[2] (National)	Construction	4	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of the Humber Estuary	Micro-siting of individual pylons and access routes as far as practicable to avoid direct and indirect impacts on protected habitats; Avoiding the construction of any permanent structures within the designated site boundary to avoid or minimise	Significant	Moderate – desk study and surveys ongoing. Final Project design and mitigation package is still in development and will be finalised for consideration in the ES

[2] For the purposes of assessment, pink-footed goose is treated as a de facto qualifying species of the Humber Estuary designations during the non-breeding season.

Receptor	Project stage	Relevant Route Section(s)[1]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			Ramsar/SPA/SSSI.	direct effects as far as technically feasible on designated site habitats and species; Appropriate stand-off distances will be applied to designated sites to avoid direct effects as far as practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Design of the Project includes crossing the River Ouse upstream of the River Trent to minimise the width of the crossing of the Humber Estuary SPA/Ramsar/SSSI Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		
Humber Estuary SPA/Ramsar	Construction	4	Potential for disturbance to qualifying species from	Design of the Project to include crossing the River Ouse upstream of the River Trent to minimise the width of the	Significant	Moderate – surveys and desk study are ongoing. Final Project design and mitigation package are

Receptor	Project stage	Relevant Route Section(s)[1]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(International) Humber Estuary SSSI (National)			noise/vibration, visual and lighting.	crossing of the Humber Estuary SPA/Ramsar/SSSI Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.		still in development and will be finalised for consideration in the ES.
Humber Estuary SPA/Ramsar (International) Humber Estuary SSSI (National)	Construction	4	Potential for incidental mortality of qualifying species	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on qualifying species where possible; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[1]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Humber Estuary SPA/Ramsar (International) Humber Estuary SSSI (National)	Construction	4	Potential for changes in air quality within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Humber Estuary SPA/Ramsar (International) Humber Estuary SSSI (National)	Construction	4	Potential for pollution impacts on designated sites qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Humber Estuary SPA/Ramsar (International) Humber Estuary SSSI (National)	Construction	4	Loss / reduction in habitat quality for qualifying species from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Humber Estuary SPA/Ramsar (International) Humber Estuary SSSI	Operation	3 - 6	Potential for collision mortality on qualifying species due to permanent structures/barriers .	Adoption of close-parallel and synchronised OVERHEAD LINE design as far as possible through the Yorkshire Wolds, Humberhead Levels and at the River Ouse crossing;	Significant	Moderate – desk study and surveys ongoing. The Final Project design and mitigation packages are still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)[1]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(National)				Design of the Project includes crossing the River Ouse upstream of the River Trent to minimise the width of the crossing of the Humber Estuary SPA/Ramsar/SSSI and to restrict the crossing to where volume of bird flights are lower (when compared with downstream locations); Control and management measures: GG01.		
Humber Estuary SPA/Ramsar (International) Humber Estuary SSSI (National)	Operation	3 - 6	Potential for effects on qualifying species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised overhead line design as far as possible through the Yorkshire Wolds, Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier; Design of the Project includes crossing the River Ouse upstream of the River Trent to minimise the width of the crossing of the Humber Estuary SPA/Ramsar/SSSI and to restrict the crossing to where volume of bird flights are lower (when compared with downstream locations);	Significant	Moderate – desk study and surveys ongoing. The Final Project design and mitigation packages are still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)[1]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Control and management measures: GG01.		
Humber Estuary SPA/Ramsar (International) Humber Estuary SSSI (National)	Operation	3 - 6	Potential for increased predation effects from potential increased populations of predatory birds species on the qualifying species of the Humber Estuary SAC/SPA/Ramsar /SSSI.	Adoption of close-parallel and synchronised overhead line design as far as possible through the Yorkshire Wolds, Humberhead Levels and at the River Ouse crossing.	Not significant	High – the proximity of the proposed overhead line and pylons to the existing ones the River Ouse Crossing and across the Humberhead Levels means that the proposed infrastructure will not add any significant breeding habitat for predatory birds.
Humber Estuary SPA/Ramsar (International) Humber Estuary SSSI (National)	Maintenance	4	Potential for disturbance to protected qualifying bird species from noise/vibration, visual and lighting.	Design of the Project includes crossing the River Ouse upstream of the River Trent to minimise the width of the crossing of the Humber Estuary SPA/Ramsar/SSSI Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	Moderate – desk study and surveys ongoing. The Final Project design and mitigation package are still in development and will be finalised for consideration in the ES.
Humber Estuary SPA/Ramsar (International)	Maintenance	4	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice**

Receptor	Project stage	Relevant Route Section(s)[1]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Humber Estuary SSSI (National)				AQ04; AQ13; AQ14; AQ15; AQ16; AQ19		**CoCP** are adequate to avoid this effect.
Thorne and Hatfield Moors SPA (International)	Operation	5 and 6	Potential for effects on qualifying species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Avoidance of the designated site with a standoff of at least 2.69 km; Adoption of close-parallel and synchronised overhead line design as far as possible through the Humberhead Levels and close parallel design through the Isle of Axholme; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys ongoing.
Thorne, Crowle and Goole Moors SSSI (National)	Operation	5 and 6	Potential for effects on qualifying species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Avoidance of the designated site with a standoff of at least 2.69 km; Adoption of close-parallel and synchronised overhead line design as far as possible through the Humberhead Levels and close parallel design through the Isle of Axholme, following an existing barrier rather than introducing a discrete new barrier; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys ongoing.

Receptor	Project stage	Relevant Route Section(s)[1]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Hatfield Moors SSSI (National)	Operation	6 - 8	Potential for effects on qualifying species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Avoidance of the designated site with a standoff of at least 7.49 km; Adoption of close-parallel design as far as possible through the Isle of Axholme, following an existing barrier rather than introducing a discrete new barrier; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys ongoing.
River Idle Washlands SSSI (National)	Operation	8	Potential for collision mortality on qualifying species due to permanent structures/barriers.	Avoidance of the designated site with a standoff of at least 2.5 km; Control and management measures: GG01	Not significant	Moderate – desk study and surveys ongoing. Final mitigation package is still in development and will be finalised for consideration in the ES.
River Idle Washlands SSSI (National)	Operation	8	Potential for effects on qualifying species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Avoidance of the designated site with a standoff of at least 2.5 km; Control and management measures: GG01	Not significant	Moderate – desk study and surveys ongoing.

Receptor	Project stage	Relevant Route Section(s)[1]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Mission Training Area SSSI (National)	Operation	8	Potential for effects on qualifying species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Avoidance of the designated site with a standoff of at least 2.89 km; Control and management measures: GG01	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Sutton and Lound Gravel Pits SSSI (National)	Operation	9	Potential for collision mortality on qualifying species due to permanent structures/barriers.	Avoidance of the designated site with a standoff of at least 4.71 km; Control and management measures: GG01	Not significant	Moderate – desk study and surveys ongoing. Final mitigation package is still in development and will be finalised for consideration in the ES.
Sutton and Lound Gravel Pits SSSI (National)	Operation	9 and 10	Potential for effects on qualifying species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Avoidance of the designated site with a standoff of at least 4.71 km; Control and management measures: GG01	Not significant	Moderate – desk study and surveys ongoing.

Receptor	Project stage	Relevant Route Section(s)[1]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Humberhead Peatlands NNR (National)	Operation	5 - 8	Potential for effects on qualifying species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Avoidance of the designated site with a standoff of at least 5.85 km; Adoption of close-parallel and synchronised overhead line design as far as possible through the Humberhead Levels and close parallel design through the Isle of Axholme, following an existing barrier rather than introducing a discrete new barrier; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys ongoing.
Far Ings NNR (National)	Operation	2 - 6	Potential for collision mortality on qualifying species due to permanent structures/barriers .	Avoidance of the designated site with a standoff of at least 9.23 km; Adoption of close-parallel and synchronised overhead line design as far as possible through the Humberhead Levels and at the River Ouse crossing; Control and management measures: GG01.	Not Significant	Low - desk study and surveys ongoing. Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Phoenix Parkway LNR (County)	Operation	5 and 6	Potential for effects on qualifying species via habitat fragmentation as	Avoidance of the designated site with a standoff of at least 4.15 km; Adoption of close-parallel and synchronised overhead line	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice**

Receptor	Project stage	Relevant Route Section(s)[1]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			a result of the Proposed Overhead Line creating a barrier to species dispersal.	design as far as possible through the Humberhead Levels, following an existing barrier rather than introducing a discrete new barrier; Control and management measures: GG01.		**CoCP** are adequate to avoid this effect.
Conesby Quarry LNR (County)	Operation	5 and 6	Potential for effects on qualifying species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Avoidance of the designated site with a standoff of at least 4.26 km; Adoption of close-parallel and synchronised overhead line design as far as possible through the Humberhead Levels, following an existing barrier rather than introducing a discrete new barrier; Control and management measures: GG01.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Table 1.2 - Preliminary assessment of effects on non-statutory designated sites;

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Blacktoft Sands RSPB Reserve (County)	Construction	4	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of the designated site.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats; Oversailing to avoid or minimise direct effects as much as possible on designated site habitats; Appropriate stand-off distances will be applied to designated sites to avoid direct effects where practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced where possible;	Not significant	Moderate – desk study and surveys ongoing. The Final Project design and mitigation packages are still in development and will be finalised for consideration in the ES.

[3] Construction and maintenance phase impacts are assigned to the route section(s) in which that impact is expected to occur, which may not be the same as the route sections that overlap the full extent of the designated site; for operational impacts the relevant route sections are matched to the observed or expected home range, foraging range or breeding range of the qualifying species present.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Design of the Project includes crossing the River Ouse upstream of the River Trent to minimise the width of the crossing of the Humber Estuary SPA/Ramsar/SSSI Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		
Blacktoft Sands RSPB Reserve (County)	Construction	4	Potential for disturbance to protected or notable species/qualifying species from noise/vibration, visual and lighting.	Design of the Project includes crossing the River Ouse upstream of the River Trent to minimise the width of the crossing of the Humber Estuary SPA/Ramsar/SSSI Design of the Project includes crossing the River Ouse on the western side of the existing line to maximise distance from the Reserve whilst also adopting an alignment close to the existing line crossing. Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Significant	Moderate - Final Project design and mitigation packages are still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Blacktoft Sands RSPB Reserve (County)	Construction	4	Potential for incidental mortality of qualifying species	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on qualifying species where possible; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Blacktoft Sands	Construction	4	Potential for changes in air quality within 200 m of the	Control and management measures: GG01; GG06;	Not significant	High – the commitments stated and

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
RSPB Reserve (County)			construction traffic routes.	GG11; AQ04; AQ13; AQ14; AQ15.		measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Blacktoft Sands RSPB Reserve (County)	Construction	4	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Blacktoft Sands RSPB Reserve (County)	Construction	4	Loss/reduction in habitat quality for protected or notable species/qualifying species from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Blacktoft Sands RSPB Reserve (County)	Operation	3 - 5	Potential for collision mortality on breeding and non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Yorkshire Wolds, Humberhead Levels and at the River Ouse crossing; Design of the Project includes crossing the River Ouse upstream of the River Trent to minimise the width of the crossing of the Humber Estuary SPA/Ramsar/SSSI and to restrict the crossing to where volume of bird flights are lower (when compared with downstream locations); Control and management measures: GG01.	Significant	Moderate – desk study and surveys ongoing. Final Project design and mitigation packages are still in development and will be finalised for consideration in the ES.
Blacktoft Sands RSPB Reserve (County)	Operation	3 - 5	Potential for effects on protected and notable species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Yorkshire Wolds, Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier;	Significant	Moderate - Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Design of the Project includes crossing the River Ouse upstream of the River Trent to minimise the width of the crossing of the Humber Estuary SPA/Ramsar/SSSI and to restrict the crossing to where volume of bird flights are lower (when compared with downstream locations); Control and management measures: GG01.		
Blacktoft Sands RSPB Reserve (County)	Operation	3 - 5	Potential for increased predation effects from potential increased populations of predatory birds species on the Humber Estuary SAC/SPA/Ramsar/SSSI and breeding and non-breeding birds.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Yorkshire Wolds, Humberhead Levels and at the River Ouse crossing.	Not significant	High - the proximity of the proposed Overhead Line and pylons to the existing ones the River Ouse Crossing and across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds.
Blacktoft Sands	Maintenance	4	Potential for disturbance to	Design of the Project includes crossing the River	Not significant	High – the commitments

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
RSPB Reserve (County)			protected or notable/qualifying bird species from noise/vibration, visual and lighting.	Ouse upstream of the River Trent to minimise the width of the crossing of the Humber Estuary SPA/Ramsar/SSSI Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.		stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Blacktoft Sands RSPB Reserve (County)	Maintenance	4	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Beckingham Marshes RSPB Reserve (District)	Operation	9	Potential for effects on qualifying species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Avoidance of the designated site with a standoff of at least 2.64 km; Control and management measures: GG01.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Stainforth and Keadby Canal Corridor LWS (local)	Construction	6	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of non-statutory designated sites	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats; Oversailing to avoid or minimise direct effects as much as possible on designated site habitats; Appropriate stand-off distances will be applied to designated sites to avoid direct effects where practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced where possible; Design of the Project includes crossing the River Ouse upstream of the River Trent to minimise the width of the crossing of the	Not significant	Moderate – desk study and surveys ongoing. Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Humber Estuary SPA/Ramsar/SSSI Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		
Stainforth and Keadby Canal Corridor LWS (Local)	Construction	6	Potential for incidental mortality of breeding and non-breeding birds	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on qualifying species where possible; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Control and management measures: GG01; GG05; GG06; B02		
Stainforth and Keadby Canal Corridor LWS (Local)	Construction	6	Potential for disturbance to protected or notable species from noise/vibration, visual and lighting	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Significant	Moderate - Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Stainforth and Keadby Canal Corridor LWS (Local)	Construction	6	Potential for changes in air quality on designated sites within 200 m of the construction traffic routes	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Stainforth and Keadby Canal Corridor LWS (Local)	Construction	6	Potential for pollution impacts on designated sites and notable species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are adequate to avoid this effect.
Stainforth and Keadby Canal Corridor LWS (Local)	Operation	6	Potential for increased predation effects from potential increased populations of predatory birds using the proposed Overhead Line infrastructure.	None	Not significant	Low/moderate - the proximity of the proposed Overhead Line and pylons to the existing ones the River Ouse Crossing and across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds.
Stainforth and Keadby Canal Corridor LWS (Local)	Maintenance	6	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Stainforth and Keadby Canal Corridor LWS (Local)	Maintenance	6	Potential for pollution impacts on designated sites and notable bird species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Three Rivers LWS (Local)	Construction	6	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of non-statutory designated sites	Oversailing to avoid or minimise direct effects as much as possible on designated site habitats; Appropriate stand-off distances will be applied to designated sites to avoid direct effects where practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced where possible;	Not significant	Moderate – desk study and surveys ongoing. Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		
Three Rivers LWS (Local)	Construction	6	Potential for incidental mortality of breeding and non-breeding birds	**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Three Rivers LWS (Local)	Construction	6	Potential for disturbance to protected or notable species from	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not Significant	Moderate - Final Project design and mitigation package is still in

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			noise/vibration, visual and lighting			development and will be finalised for consideration in the ES. The designated site is adjacent to the A18 and baseline noise and visual disturbance levels are likely to be high, therefore the Project is not expected to contribute significant additional disturbance effects.
Three Rivers LWS (Local)	Construction	6	Potential for changes in air quality on designated sites within 200 m of the construction traffic routes	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Three Rivers LWS	Construction	6	Potential for pollution impacts on	Control and management measures: GG01; GG04;	Not significant	High – the commitments

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			designated sites and notable species	GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Three Rivers LWS (Local)	Maintenance	6	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Three Rivers LWS (Local)	Maintenance	6	Potential for pollution impacts on designated sites and notable bird species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Crowle Brick Pits LWS (Local)	Construction	6	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of non-statutory designated sites	Appropriate stand-off distances will be applied to designated sites to avoid direct effects where practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced where possible; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.	Not significant	Moderate – desk study and surveys ongoing. Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Crowle Brick Pits LWS (Local)	Maintenance	6	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
South Moor Covert and Fishpond Plantation LWS (Local)	Construction	7	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of non-statutory designated sites	Appropriate stand-off distances will be applied to designated sites to avoid direct effects where practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced where possible; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.	Not significant	Moderate – desk study and surveys ongoing. Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
South Moor Covert and Fishpond Plantation LWS (Local)	Construction	7	Potential for disturbance to protected or notable species/qualifying species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Significant	Moderate - Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
South Moor Covert and Fishpond Plantation LWS (Local)	Construction	7	Potential for incidental mortality of qualifying species	Pylons and the Overhead Line are sufficiently distant from the designated site. Micro-siting of access routes and working areas to avoid direct and indirect impacts on qualifying species where possible; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
South Moor Covert and Fishpond Plantation LWS (Local)	Construction	7	Potential for changes in air quality within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
South Moor Covert and Fishpond Plantation LWS (Local)	Construction	7	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
South Moor Covert and Fishpond Plantation LWS (Local)	Construction	7	Loss/reduction in habitat quality for protected or notable species/qualifying species from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
South Moor Covert and Fishpond Plantation LWS (Local)	Operation	7	Potential for effects on protected and notable species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Control and management measures: GG01.	Not Significant	Moderate - Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
South Moor Covert and Fishpond Plantation LWS (Local)	Maintenance	7	Potential for disturbance to protected or notable/qualifying bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
South Moor Covert and Fishpond Plantation LWS (Local)	Maintenance	7	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are adequate to avoid this effect.
Sedge Hole Close LWS (Local)	Construction	7	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of non-statutory designated sites	The Overhead Line and pylons are separated spatially from the designated site. Appropriate stand-off distances will be applied to designated site to avoid direct effects where practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced where possible; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.	Not significant	Moderate – desk study and surveys ongoing. Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Sedge Hole Close LWS (Local)	Construction	7	Potential for disturbance to protected or notable	Control and management measures: GG01; GG03;	Significant	Moderate - Final Project design and mitigation package

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			species/qualifying species from noise/vibration, visual and lighting.	GG04; GG05; GG06; GG11; GG21; NV01; NV02.		is still in development and will be finalise for consideration in the ES.
Sedge Hole Close LWS (Local)	Construction	7	Potential for incidental mortality of qualifying species	Project design is adjacent to, but avoids direct overlap with, the designated site. Micro-siting access routes to avoid direct and indirect impacts on qualifying species where possible; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				latest species baseline information; Control and management measures: GG01; GG05; GG06; B02		
Sedge Hole Close LWS (Local)	Construction	7	Potential for changes in air quality within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Sedge Hole Close LWS (Local)	Construction	7	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Sedge Hole Close LWS (Local)	Construction	7	Loss/reduction in habitat quality for protected or notable	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			species/qualifying species from changes in groundwater levels.			measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Sedge Hole Close LWS (Local)	Operation	7	Potential for effects on protected and notable species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Control and management measures: GG01.	Significant	Moderate - Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Sedge Hole Close LWS (Local)	Maintenance	7	Potential for disturbance to protected or notable/qualifying bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Sedge Hole Close LWS (Local)	Maintenance	7	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Rush Furlong LWS (Local)	Construction	7	Potential for pollution impacts on designated sites and notable species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Rush Furlong LWS (Local)	Maintenance	7	Potential for disturbance to protected or notable/qualifying bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Rush Furlong LWS (Local)	Maintenance	7	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Warping Drain Corridor LWS (Local)	Construction	7/8	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of the designated site.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats; Oversailing to avoid or minimise direct effects as much as possible on designated site habitats; Appropriate stand-off distances will be applied to designated sites to avoid direct effects where practicable; Areas of temporary habitat loss would be reinstated, wherever practicable,	Not significant	Moderate – desk study and surveys ongoing. Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced where possible; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		
Warping Drain Corridor LWS (Local)	Construction	7/8	Potential for disturbance to protected or notable species/qualifying species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Significant	Moderate - Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Warping Drain Corridor LWS (Local)	Construction	7/8	Potential for incidental mortality of qualifying species	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on qualifying species where possible; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02		
Warping Drain Corridor LWS (Local)	Construction	7/8	Potential for changes in air quality within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Warping Drain	Operation	7/8	Potential for effects on protected and notable species via	Control and management measures: GG01.	Significant	Moderate - Final Project design and mitigation package

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Corridor LWS (Local)			habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.			is still in development and will be finalised for consideration in the ES.
Warping Drain Corridor LWS (Local)	Maintenance	7/8	Potential for disturbance to protected or notable/qualifying bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Warping Drain Corridor LWS (Local)	Maintenance	7/8	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Warping Drain	Maintenance	7/8	Potential for temporary direct	Control and management measures: GG01; GG07;	Not significant	High – the commitments

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Corridor LWS (Local)			habitat loss and temporary disturbance and fragmentation of habitat used by protected and notable bird species	GG08; GG09; B01; B02; B07; W02; W03;		stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Shaw Ponds LWS (Local)	Construction	8	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Shaw Ponds LWS (Local)	Operation	8	Potential for increased predation effects from potential increased populations of predatory birds species on the breeding and non-breeding birds	None	Not significant	Low/moderate - the proximity of the proposed Overhead Line and pylons means that the proposed infrastructure will not add any significant habitat for predatory birds.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Shaw Ponds LWS (Local)	Maintenance	8	Potential for disturbance to protected or notable/qualifying bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Shaw Ponds LWS (Local)	Maintenance	8	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Langholme Wood LWS and Wildlife Trust Reserve[4] (Local)	Construction	8	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of**

[4] Langholme Wood LWS and Langholme Wildlife Trust Reserve are spatially, geographically and biologically identical and are assessed as the same site.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Construction Practice CoCP are adequate to avoid this effect.
Langholme Wood LWS and Wildlife Trust Reserve (Local)	Construction	8	Potential for disturbance to protected or notable species from noise/vibration, visual and lighting	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not Significant	Moderate - Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Langholme Wood LWS and Wildlife Trust Reserve (Local)	Operation	8	Potential for increased predation effects from potential increased populations of predatory birds species on the breeding and non-breeding birds	None	Not significant	Low/moderate - the proximity of the proposed Overhead Line and pylons means that the proposed infrastructure will not add any significant habitat for predatory birds.
Langholme Wood LWS and Wildlife Trust Reserve (Local)	Maintenance	8	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are adequate to avoid this effect.
Carr Road Drains Complex LWS (Local)	Construction	8	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Carr Road Drains Complex LWS (Local)	Maintenance	8	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Walkeringham Claypits and Wildlife	Construction	8	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17;	Not significant	High – the commitments stated and measures in **Appendix 4.1**

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Trust Reserve[5] (Local)				GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		**Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Walkeringham Claypits and Wildlife Trust Reserve (Local)	Operation	8	Potential for increased predation effects from potential increased populations of predatory birds species on the breeding and non-breeding birds	None	Not significant	Low/moderate - the proximity of the proposed Overhead Line and pylons to the means that the proposed infrastructure will not add any significant habitat for predatory birds.
Walkeringham Claypits and Wildlife Trust Reserve (Local)	Maintenance	8	Potential for disturbance to protected or notable/qualifying bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

[5] Walkeringham Claypits LWS and Walkeringham Wildlife Trust Reserve are spatially, geographically and biologically identical and are assessed as the same site.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Walkeringham Claypits and Wildlife Trust Reserve (Local)	Maintenance	8	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Tongs and Dogholes Woods LWS (Local)	Construction	9	Potential for disturbance to protected or notable species/qualifying species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	Moderate - Final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, mitigation measures are expected to be adequate to reduce these effects to levels that are not significant.
Tongs and Dogholes Woods LWS	Construction	9	Potential for changes in air quality within 200 m of the	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			construction traffic routes.			**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Tongs and Dogholes Woods LWS (Local)	Construction	9	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Tongs and Dogholes Woods LWS (Local)	Operation	9	Potential for increased predation effects from potential increased populations of predatory birds species on the breeding and non-breeding birds	None	Not significant	High - the proximity of the proposed Overhead Line and pylons to the existing ones means that the proposed infrastructure will not add any significant habitat for predatory birds.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Tongs and Dogholes Woods LWS (Local)	Maintenance	9	Potential for pollution impacts on designated sites and notable bird species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Tongs and Dogholes Woods LWS (Local)	Maintenance	9	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Beckingham Wood LWS (Local)	Construction	9	Potential for disturbance to protected or notable species/qualifying species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	Moderate - Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Designated site is sufficiently distant from the Project that noise and visual disturbance are unlikely to be significant.
Beckingham Wood LWS (Local)	Construction	9	Potential for changes in air quality within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Beckingham Wood LWS (Local)	Construction	9	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Beckingham Wood LWS (Local)	Operation	9	Potential for increased predation effects from potential increased populations of predatory birds species on the Humber Estuary SAC/SPA/Ramsar/SSSI and breeding and non-breeding birds	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Yorkshire Wolds, Humberhead Levels and at the River Ouse crossing.	Not significant	High - the proximity of the proposed Overhead Line and pylons to the existing ones the River Ouse Crossing and across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds.
Beckingham Wood LWS (Local)	Maintenance	9	Potential for pollution impacts on designated sites and notable bird species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Beckingham Wood LWS (Local)	Maintenance	6	Potential for disturbance to protected or notable bird species from	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			noise/vibration, visual and lighting			**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Wheatley Woods LWS (Local)	Construction	9	Potential for disturbance to protected or notable species/qualifying species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	Moderate - Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Wheatley Woods LWS (Local)	Construction	9	Potential for changes in air quality within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Wheatley Woods LWS (Local)	Construction	9	Potential for pollution impacts on designated sites and	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17;	Not significant	High – the commitments stated and measures in

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			notable/qualifying species.	GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Wheatley Woods LWS (Local)	Operation	9	Potential for increased predation effects from potential increased populations of predatory birds species on the Humber Estuary SAC/SPA/Ramsar/SSSI and breeding and non-breeding birds	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Yorkshire Wolds, Humberhead Levels and at the River Ouse crossing.	Not significant	High - the proximity of the proposed Overhead Line and pylons to the existing ones the River Ouse Crossing and across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds.
Wheatley Woods LWS (Local)	Maintenance	9	Potential for pollution impacts on designated sites and notable bird species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are adequate to avoid this effect.
Wheatley Woods LWS (Local)	Maintenance	9	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High - the High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mill Lane, Clayworth LWS (Local)	Construction	9	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mill Lane, Clayworth LWS (Local)	Maintenance	9	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17;	Not significant	High – the commitments stated and measures in **Appendix 4.1**

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19		**Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bole Ings LWS (Local)	Construction	10	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bole Ings LWS (Local)	Operation	10	Potential for collision mortality on breeding and non-breeding birds due to permanent structures/barriers.	Overhead Line Control and management measures: GG01.	Not significant	Moderate – desk study and surveys ongoing. Final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The majority of barn owl flight is at low height and

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						therefore at low risk of collision.
Bole Ings LWS (Local)	Maintenance	10	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Clarborough Tunnel LWS and Wildlife Trust Site[6] (Local)	Construction	10	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Clarborough Tunnel LWS and Wildlife Trust Site	Maintenance	10	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17;	Not significant	High – the commitments stated and measures in

[6] Clarborough Tunnel LWS and Clarborough Tunnel Wildlife trust Site are spatially, geographically and biologically identical and are assessed as the same site.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)				GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19		**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Treswell Wood LWS and Wildlife Trust Site[7] (Local)	Construction	10	Potential for temporary disturbance of the designated site.	Appropriate stand-off distances will be applied to designated sites to avoid direct effects where practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.	Not significant	Moderate – desk study and surveys ongoing. Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Treswell Wood LWS and Wildlife Trust Site (Local)	Construction	10	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of non-statutory designated sites	Appropriate stand-off distances will be applied to designated sites to avoid direct effects where practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.	Not significant	Moderate – desk study and surveys ongoing. Final Project design and mitigation package is still in development and will be finalised for

[7] Treswell Wood LWS and Treswell Wood Wildlife Trust Site are spatially, geographically and biologically identical and are assessed as the same site.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						consideration in the ES.
Treswell Wood LWS and Wildlife Trust Site (Local)	Construction	10	Potential for disturbance to protected or notable species/qualifying species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Significant	Moderate - Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Treswell Wood LWS and Wildlife Trust Site (Local)	Operation	10	Potential for increased predation effects from potential increased populations of predatory birds using the proposed Overhead Line infrastructure.	None	Not significant	Low/moderate - the proximity of the proposed Overhead Line and pylons to the existing ones means that the proposed infrastructure will not add any significant habitat for predatory birds.
Treswell Wood LWS and Wildlife Trust Site (Local)	Construction	10	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are adequate to avoid this effect.
Treswell Wood LWS and Wildlife Trust Site (Local)	Maintenance	4	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Caddow Wood (Northern Assart) LWS (Local)	Construction	8	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Caddow Wood (Northern Assart) LWS (Local)	Construction	8	Potential for disturbance to protected or notable species from	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not Significant	Moderate - Final Project design and mitigation package is still in development and

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			noise/vibration, visual and lighting			will be finalised for consideration in the ES.
Caddow Wood (Northern Assart) LWS (Local)	Operation	8	Potential for increased predation effects from potential increased populations of predatory birds using the proposed Overhead Line infrastructure.	None	Not significant	Low/moderate - the proximity of the proposed Overhead Line and pylons to the existing ones means that the proposed infrastructure will not add any significant habitat for predatory birds.
Caddow Wood (Northern Assart) LWS (Local)	Maintenance	8	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bushstocks Lane Meadow LWS	Construction	10	Potential for disturbance to protected or notable species/qualifying	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Significant	Moderate - Final Project design and mitigation package is still in

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			species from noise/vibration, visual and lighting.			development and will be finalised for consideration in the ES.
Bushstocks Lane Meadow LWS (Local)	Construction	10	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bushstocks Lane Meadow LWS (Local)	Operation	8	Potential for increased predation effects from potential increased populations of predatory birds using the proposed Overhead Line infrastructure.	None	Not significant	Low/moderate - the proximity of the proposed Overhead Line and pylons to the existing ones means that the proposed infrastructure will not add any significant habitat for predatory birds.
Bushstocks Lane	Maintenance	10	Potential for disturbance to protected or notable	Control and management measures: GG01; GG03;	Not significant	High – the commitments stated and

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Meadow LWS (Local)			bird species from noise/vibration, visual and lighting	GG04; GG05; GG06; GG11; GG21; NV01; NV02		measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bushstocks Lane Meadow LWS (Local)	Maintenance	10	Potential for pollution impacts on designated sites and notable bird species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High - the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Headon Verges LWS (Local)	Construction	10	Potential for disturbance to protected or notable species/qualifying species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Significant	Moderate - Final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Headon Verges LWS (Local)	Construction	10	Potential for pollution impacts on designated sites and	Control and management measures: GG01; GG04; GG05; GG06; GG11;	Not significant	High - the commitments stated and

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			notable/qualifying species.	GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Headon Verges LWS (Local)	Operation	10	Potential for increased predation effects from potential increased populations of predatory birds using the proposed Overhead Line infrastructure.	Overhead Line None.	Not significant	Moderate – Existing habitats include farm buildings and woodland are conducive to predatory birds already existing in the area
Headon Verges LWS (Local)	Maintenance	10	Potential for disturbance to protected or notable/qualifying bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High - the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Headon Verges LWS (Local)	Maintenance	10	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High - the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Beast Wood Grassland LWS (Local)	Construction	10	Potential for pollution impacts on designated sites and notable/qualifying species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High - the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Beast Wood Grassland LWS (Local)	Operation	10	Potential for increased predation effects from potential increased populations of predatory birds species on breeding and non-breeding birds.	None	Not significant	Moderate – Existing habitats include farm buildings and woodland are conducive to predatory birds already existing in the area

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Beast Wood Grassland LWS (Local)	Maintenance	10	Potential for disturbance to protected or notable/qualifying bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High - the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Beast Wood Grassland LWS (Local)	Maintenance	10	Potential for pollution impacts on designated site.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High - the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Grove Road Woodland LWS (Local)	Construction	10	Potential for pollution impacts on designated sites and notable species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High - the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)[3]	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Grove Road Woodland LWS (Local)	Operation	10	Potential for increased predation effects from potential increased populations of predatory birds using the proposed Overhead Line infrastructure.	None	Not significant	Moderate – Proposed pylons are over 2km from LWS which are beyond usual ranges for predatory birds.
Grove Road Woodland LWS (Local)	Maintenance	10	Potential for pollution impacts on designated sites and notable bird species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High - the commitments stated and measures in **Appendix 4.1 is Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Table 1.3 - Preliminary assessment of effects on species assemblages

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 1, Birkhill Wood (Local)	Construction	1	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by breeding assemblage.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats, as far as practicable; Avoiding the construction of any permanent structures within the designated site boundary to avoid or minimise direct effects on designated site habitats and species as far as practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. Loss of woodland habitat has been avoided through Project Design.
Breeding Bird Assemblage –	Construction	1	Potential for incidental mortality	Micro-siting of individual pylons and access routes to avoid	Not significant	High – proposed mitigation package and Project design avoid direct

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Area 1Birkhill Wood (Local)			of assemblage birds.	direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.		impacts on the assemblage.
Breeding Bird Assemblage – Area 1, Birkhill Wood (Local)	Construction	1	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Breeding Bird Assemblage – Area 1, Birkhill Wood (Local)	Construction	1	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 1BIrkhill Wood (Local)	Construction	1	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 1, Birkhill Wood (Local)	Construction	1	Loss / reduction in habitat quality for breeding assemblage from changes in	Control and management measures: GG01; GG16; GG17; B01, B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			groundwater levels.			**Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 1, Birkhill Wood (Local)	Operation	1	Potential for collision mortality on breeding birds due to permanent structures/barriers.	Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. Breeding passerine species (small perching birds, songbirds) of which this assemblage is mostly comprised, are not at high risk of collision.
Breeding Bird Assemblage – Area 1, Birkhill Wood (Local)	Operation	1	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line	Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package is still in development and will be finalised for

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			creating a barrier to species dispersal.			consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to avoid this effect.
Breeding Bird Assemblage – Area 1, Birkhill Wood (Local)	Operation	1	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	None	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package is still in development and will be finalised for consideration in the ES.
Breeding Bird Assemblage – Area 1, Birkhill Wood (Local)	Maintenance	1	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are adequate to avoid this effect.
Breeding Bird Assemblage – Area 1, Birkhill Wood (Local)	Maintenance	1	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 1, Birkhill Wood (Local)	Maintenance	1	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in the **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 1, Birkhill Wood (Local)	Maintenance	1	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02;	Not significant	High – the commitments stated and measures in **Appendix 4.1**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		**Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 2, Socken Wood (Local)	Construction	2	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by breeding assemblage.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats, as far as practicable; Oversailing to avoid or minimise direct effects on habitats and species, where feasible; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The bird assemblage is adjacent to and overlaps the project, however Project design has been optimised to reduce impacts on habitats.
Breeding Bird Assemblage –	Construction	2	Potential for incidental mortality	Micro-siting of individual pylons and access routes to avoid	Not significant	Moderate– proposed

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Area 2, Socken Wood (Local)			of assemblage birds.	direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.		mitigation package and Project design avoid direct impacts on the assemblage. Control and management measures stated are adequate to avoid this effect.
Breeding Bird Assemblage – Area 2, Socken Wood (Local)	Construction	2	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Breeding Bird Assemblage – Area 2, Socken Wood (Local)	Construction	2	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 2, Socken Wood (Local)	Construction	2	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 2, Socken Wood (Local)	Construction	2	Loss / reduction in habitat quality for breeding assemblage from changes in	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			groundwater levels.			**Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 2, Socken Wood (Local)	Operation	2	Potential for collision mortality on breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised overhead line design at Socken Wood and it's immediate surroundings; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design at this location is expected to minimise this risk. Breeding passerine species (small perching birds, songbirds) of which this assemblage is mostly comprised, are not at high risk of collision.
Breeding Bird Assemblage –	Operation	2	Potential for effects on	Adoption of close-parallel design at this location following	Not significant	Moderate – desk study and surveys

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Area 2, Socken Wood (Local)			assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	an existing barrier rather than introducing a discrete new barrier; Control and management measures: GG01.		are ongoing and the final design and mitigation package is still in development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to reduce this effect to levels that are not significant.
Breeding Bird Assemblage – Area 2, Socken Wood (Local)	Operation	2	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	Adoption of close-parallel overhead line design at this location and it's immediate surroundings.	Not significant	High – the proximity of the proposed overhead line and pylons to the existing ones at this location means that the proposed infrastructure will not add any

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						significant habitat for predatory birds here.
Breeding Bird Assemblage – Area 2, Socken Wood (Local)	Maintenance	2	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 2, Socken Wood (Local)	Maintenance	2	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 2, Socken Wood (Local)	Maintenance	2	Potential for disturbance to assemblage species from	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02;	Not significant	High – the commitments stated and measures in **Appendix 4.1**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			noise/vibration, visual and lighting.	AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		**Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 2, Socken Wood (Local)	Maintenance	2	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 3, Brantingham Dale (Local)	Construction	2	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by breeding assemblage.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats, as far as practicable; Oversailing to avoid or minimise direct effects on habitats and species, where feasible; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible,	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The bird assemblage is adjacent to and overlaps the project, however

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		Project design has been optimised to minimise impacts on habitats.
Breeding Bird Assemblage – Area 3, Brantingham Dale (Local)	Construction	2	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.	Not significant	Moderate– proposed mitigation package and Project design avoid direct impacts on the assemblage. Control and management measures stated are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 3, Brantingham Dale (Local)	Construction	2	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 3, Brantingham Dale (Local)	Construction	2	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 3, Brantingham Dale (Local)	Construction	2	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Breeding Bird Assemblage – Area 3, Brantingham Dale (Local)	Construction	2	Loss/reduction in habitat quality for breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 3, Brantingham Dale (Local)	Operation	2	Potential for collision mortality on breeding birds due to permanent structures/barriers.	Adoption of close-parallel design through Brantingham Dale and it's immediate surroundings; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in ES. However, the close parallel design at this location is expected to minimise this risk. Breeding passerine species (small perching

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						birds, songbirds) of which this assemblage is mostly comprised, are not at high risk of collision.
Breeding Bird Assemblage – Area 3, Brantingham Dale (Local)	Operation	2	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel design at this location following an existing barrier rather than introducing a discrete new barrier; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration on the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to reduce this effect to levels that are not significant.
Breeding Bird Assemblage –	Operation	2	Potential for increased	Adoption of close-parallel overhead line design at this	Not significant	High – the proximity of the

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Area 3, Brantingham Dale (Local)			predation effects on assemblage species from potential increased populations of predatory birds.	location and it's immediate surroundings.		proposed overhead line and pylons to the existing ones at this location means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Breeding Bird Assemblage – Area 3, Brantingham Dale (Local)	Maintenance	2	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 3, Brantingham Dale (Local)	Maintenance	2	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are adequate to avoid this effect.
Breeding Bird Assemblage – Area 3, Brantingham Dale (Local)	Maintenance	2	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 3, Brantingham Dale (Local)	Maintenance	2	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Construction	3	Potential for permanent and temporary direct habitat loss and temporary	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats, as far as practicable;	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			disturbance and fragmentation of habitats utilised by breeding assemblage.	Oversailing to avoid or minimise direct effects on habitats and species, where feasible; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		is still in development and will be finalised for consideration in the ES. The bird assemblage is adjacent to and overlaps the project, however Project design has been optimised to minimise impacts on habitats.
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Construction	3	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to	Not significant	Moderate– proposed mitigation package and Project design avoid direct impacts on the assemblage. Control and management measures stated are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.		
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Construction	3	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Construction	3	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Construction	3	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Construction	3	Loss / reduction in habitat quality for breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Operation	3	Potential for collision mortality on breeding birds due to permanent structures/barriers.	Adoption of close-parallel design through the Humberhead Levels; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						the ES. However, the close parallel design at this location is expected to minimise this risk. Breeding passerine species (small perching birds, songbirds) of which this assemblage is mostly comprised, are not at high risk of collision.
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Operation	3	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel design at this location, following an existing barrier rather than introducing a discrete new barrier; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are likely to be adequate to reduce this effect to levels that are not significant.
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Operation	3	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	Adoption of close-parallel overhead line design at this location and it's immediate surroundings.	Not significant	High – the proximity of the proposed overhead line and pylons to the existing ones at this location means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Maintenance	3	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Maintenance	3	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Maintenance	3	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 4, Ings Lane (Local)	Maintenance	3	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Breeding Bird Assemblage, Broomfleet Tileworks (District)	Construction	3	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by breeding assemblage.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats, as far as practicable; Oversailing to avoid or minimise direct effects on designated site habitats and species as far as practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The bird assemblage is adjacent to the project, however current Project design avoids the habitats within the tileworks.
Breeding Bird Assemblage, Broomfleet Tileworks (District)	Construction	3	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction**	Not significant	High – proposed mitigation package and Project design avoid direct impacts on the assemblage.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Practice CoCP will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.		
Breeding Bird Assemblage, Broomfleet Tileworks (District)	Construction	3	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage,	Construction	3	Potential for changes in air quality causing	Control and management measures: GG01; GG06;	Not significant	High – the commitments stated and

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Broomfleet Tileworks (District)			adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	GG11; AQ04; AQ13; AQ14; AQ15.		measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage, Broomfleet Tileworks (District)	Construction	3	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage, Broomfleet Tileworks (District)	Construction	3	Loss / reduction in habitat quality for breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage, Broomfleet Tileworks (District)	Operation	3	Potential for collision mortality on breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised overhead line design through the Humberhead Levels and at the River Ouse crossing as far as practicable; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design at this location is expected to minimise this risk.
Breeding Bird Assemblage, Broomfleet Tileworks (District)	Operation	3	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised overhead line design through the Humberhead Levels as far as practicable, following an existing barrier rather than introducing a discrete new barrier; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are likely to be adequate to avoid this effect.
Breeding Bird Assemblage, Broomfleet Tileworks (District)	Operation	3	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	High – the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds here
Breeding Bird Assemblage, Broomfleet Tileworks (District)	Maintenance	3	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage, Broomfleet Tileworks (District)	Maintenance	3	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage, Broomfleet Tileworks (District)	Maintenance	3	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage, Broomfleet Tileworks (District)	Maintenance	3	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Non-breeding bird assemblage, Broomfleet Tileworks (District)	Construction	3	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by non-breeding bird assemblage.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats were technically feasible; Oversailing to avoid or minimise direct effects on habitats and species were technically feasible; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The bird assemblage is adjacent to the project, however current Project design avoids the habitats within the tileworks.
Non-breeding bird assemblage, Broomfleet Tileworks (District)	Construction	3	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				reasonable avoidance measures including appropriate buffers around locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06.		**Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, Broomfleet Tileworks (District)	Construction	3	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, Broomfleet Tileworks	Construction	3	Potential for changes in air quality causing adverse effects on the non-breeding	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(District)			assemblage within 200 m of the construction traffic routes.			**Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, Broomfleet Tileworks (District)	Construction	3	Potential for pollution impacts on non-breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, Broomfleet Tileworks (District)	Construction	3	Loss/reduction in habitat quality for non-breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B08B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird	Operation	3	Potential for collision mortality	Adoption of close-parallel and synchronised Overhead Line	Not significant	Moderate – surveys and desk

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
assemblage, Broomfleet Tileworks (District)			on non-breeding birds due to permanent structures/barriers.	design through the Humberhead Levels as far as practicable; Control and management measures: GG01.		study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design at this location is expected to reduce this risk.
Non-breeding bird assemblage, Broomfleet Tileworks (District)	Operation	3	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels. following an existing barrier rather than introducing a discrete new barrieras far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						adequate to avoid this effect.
Non-breeding bird assemblage, Broomfleet Tileworks (District)	Operation	3	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels where technically feasible; Control and management measures: GG01.	Not significant	High – the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Non-breeding bird assemblage, Broomfleet Tileworks (District)	Maintenance	3	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Non-breeding bird assemblage, Broomfleet Tileworks (District)	Maintenance	3	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, Broomfleet Tileworks (District)	Maintenance	3	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, Broomfleet Tileworks (District)	Maintenance	3	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Breeding Bird Assemblage – Area 5, north bank of the River Ouse (Local)	Construction	4	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by breeding assemblage.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats as far as practicable; Oversailing to avoid or minimise direct effects on designated site habitats and species as far as practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Breeding Bird Assemblage – Area 5, north bank of the River Ouse (Local)	Construction	4	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction**	Not significant	High – proposed mitigation package and Project design avoid direct impacts on the assemblage.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Practice CoCP will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.		
Breeding Bird Assemblage – Area 5, north bank of the River Ouse (Local)	Construction	4	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 5, north	Construction	4	Potential for changes in air quality causing	Control and management measures: GG01; GG06;	Not significant	High – the commitments stated and

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
bank of the River Ouse (Local)			adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	GG11; AQ04; AQ13; AQ14; AQ15.		measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 5, north bank of the River Ouse (Local)	Construction	4	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 5, north bank of the River Ouse (Local)	Construction	4	Loss / reduction in habitat quality for breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 5, north bank of the River Ouse (Local)	Operation	4	Potential for collision mortality on breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing as far as practicable; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design at this location is expected to minimise this risk. Breeding passerine species (small perching birds, songbirds) of which this assemblage is mostly comprised, are not at high risk of collision.
Breeding Bird Assemblage – Area 5, north bank of the River Ouse (Local)	Operation	4	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			Overhead Line creating a barrier to species dispersal.	introducing a discrete new barrier as far as practicable; Control and management measures: GG01.		will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** and the close parallel design at this location is expected to minimise this risk.
Breeding Bird Assemblage – Area 5, north bank of the River Ouse (Local)	Operation	4	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	High – the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds here.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 5, north bank of the River Ouse (Local)	Maintenance	4	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 5, north bank of the River Ouse (Local)	Maintenance	4	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 5, north bank of the River Ouse (Local)	Maintenance	4	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Breeding Bird Assemblage – Area 5, north bank of the River Ouse (Local)	Maintenance	4	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding bird assemblage, Blacktoft Sands (District)	Construction	4	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by breeding assemblage.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats as far as practicable; Oversailing to avoid or minimise direct effects on designated site habitats and species as far as practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The current Project design avoids the majority of Blacktoft Sands.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		
Breeding bird assemblage, Blacktoft Sands (District)	Construction	4	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – proposed mitigation package and Project design avoid direct impacts on the assemblage.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding bird assemblage, Blacktoft Sands (District)	Construction	4	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding bird assemblage, Blacktoft Sands (District)	Construction	4	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding bird assemblage, Blacktoft Sands (District)	Construction	4	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Breeding bird assemblage, Blacktoft Sands (District)	Construction	4	Loss / reduction in habitat quality for breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding bird assemblage, Blacktoft Sands (District)	Operation	4	Potential for collision mortality on breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing as far as practicable; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design at this location is expected to minimise this risk.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding bird assemblage, Blacktoft Sands (District)	Operation	4	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** and the close parallel design at this location is expected to minimise this risk.
Breeding bird assemblage, Blacktoft Sands (District)	Operation	4	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	High – the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels means that

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						the proposed infrastructure will not add any significant habitat for predatory birds here.
Breeding bird assemblage, Blacktoft Sands (District)	Maintenance	4	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding bird assemblage, Blacktoft Sands (District)	Maintenance	4	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding bird assemblage, Blacktoft Sands (District)	Maintenance	4	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding bird assemblage, Blacktoft Sands (District)	Maintenance	4	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, Blacktoft Sands (District)	Construction	4	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats as far as practicable; Oversailing to avoid or minimise direct effects on	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			non-breeding bird assemblage.	designated site habitats and species as far as practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08.		are adequate to avoid this effect.
Non-breeding bird assemblage, Blacktoft Sands (District)	Construction	4	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06.		
Non-breeding bird assemblage, Blacktoft Sands (District)	Construction	4	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, Blacktoft Sands (District)	Construction	4	Potential for changes in air quality causing adverse effects on the non-breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird	Construction	4	Potential for pollution impacts	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15;	Not significant	High – the commitments stated and

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
assemblage, Blacktoft Sands (District)			on non-breeding assemblage.	GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, Blacktoft Sands (District)	Construction	4	Loss / reduction in habitat quality for non-breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, Blacktoft Sands (District)	Operation		Potential for collision mortality on non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing as far as practicable; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design at this

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						location is expected to minimise this risk.
Non-breeding bird assemblage, Blacktoft Sands (District)	Operation	4	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** and the close parallel design at this location is expected to minimise this risk.
Non-breeding bird assemblage, Blacktoft Sands (District)	Operation	4	Potential for increased predation effects on assemblage species from	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead	Not significant	High – the proximity of the proposed Overhead Line and pylons to the

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			potential increased populations of predatory birds.	Levels and at the River Ouse crossing as far as practicable; Control and management measures: GG01.		existing ones across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds here
Non-breeding bird assemblage, Blacktoft Sands (District)	Maintenance	4	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, Blacktoft Sands (District)	Maintenance	4	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Non-breeding bird assemblage, Blacktoft Sands (District)	Maintenance	4	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, Blacktoft Sands (District)	Maintenance	4	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, River Ouse (Local)	Construction	4	Potential for permanent and temporary direct habitat loss and temporary disturbance and	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats as far as practicable;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			fragmentation of habitats utilised by non-breeding bird assemblage.	Oversailing to avoid or minimise direct effects on designated site habitats and species as far as practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08.		**Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, River Ouse (Local)	Construction	4	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06.		
Non-breeding bird assemblage, River Ouse (Local)	Construction	4	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, River Ouse (Local)	Construction	4	Potential for changes in air quality causing adverse effects on the non-breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Non-breeding bird assemblage, River Ouse (Local)	Construction	4	Potential for pollution impacts on non-breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, River Ouse (Local)	Construction	4	Loss / reduction in habitat quality for non-breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, River Ouse (Local)	Operation	4	Potential for collision mortality on non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design as far as practicable through the Humberhead Levels and at the River Ouse crossing; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						the ES. However, the close parallel design at this location is expected to minimise this risk.
Non-breeding bird assemblage, River Ouse (Local)	Operation	4	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration in the ES. However, the commitments stated and measures in the is **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to avoid this effect.
Non-breeding bird assemblage, River Ouse	Operation	4	Potential for increased predation effects on assemblage	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead	Not significant	High – the proximity of the proposed Overhead Line and

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			species from potential increased populations of predatory birds.	Levels and at the River Ouse crossing as far as practicable; Control and management measures: GG01.		pylons to the existing ones across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Non-breeding bird assemblage, River Ouse (Local)	Maintenance	4	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, River Ouse (Local)	Maintenance	4	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Non-breeding bird assemblage, River Ouse (Local)	Maintenance	4	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Non-breeding bird assemblage, River Ouse (Local)	Maintenance	4	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding bird assemblage, Whitton Island (Local)	Construction	4	Potential for permanent and temporary direct habitat loss and temporary disturbance and	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats as far as practicable;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			fragmentation of habitats utilised by breeding assemblage.	Oversailing to avoid or minimise direct effects on designated site habitats and species as far as practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		**Code of Construction Practice CoCP** are adequate to avoid this effect.The location of the assemblage is at least 1.6 km from the Project.
Breeding bird assemblage, Whitton Island (Local)	Construction	4	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The location of the assemblage is at

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.		least 1.6 km from the Project.
Breeding bird assemblage, Whitton Island (Local)	Construction	4	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The location of the assemblage is at least 1.6 km from the Project.
Breeding bird assemblage, Whitton Island (Local)	Construction	4	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – The location of the assemblage is at least 1.6 km from the Project.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			construction traffic routes.			
Breeding bird assemblage, Whitton Island (Local)	Construction	4	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The location of the assemblage is at least 1.6 km from the Project.
Breeding bird assemblage, Whitton Island (Local)	Construction	4	Loss / reduction in habitat quality for breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The location of the assemblage is at

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						least 1.6 km from the Project.
Breeding bird assemblage, Whitton Island (Local)	Operation	4	Potential for collision mortality on breeding and non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing as far as practicable; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design at this location is expected to minimise this risk. Distance between the assemblage site and the Project (1.6 km) reduces the likelihood of bird interactions with the Project.
Breeding bird assemblage, Whitton Island (Local)	Operation	4	Potential for effects on assemblage via habitat fragmentation as a result of the	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing, following an existing	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			Proposed Overhead Line creating a barrier to species dispersal.	barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.		development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to avoid this effect. Distance between the assemblage site and the Project (1.6 km) reduces the likelihood of bird interactions with the Project.
Breeding bird assemblage, Whitton Island (Local)	Operation	4	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	High – the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels means that

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						the proposed infrastructure will not add any significant habitat for predatory birds here. Distance between the assemblage site and the Project (1.6 km) reduces the likelihood of bird interactions with the Project.
Breeding bird assemblage, Whitton Island (Local)	Maintenance	4	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The assemblage site is at least 1.6 km from the Project.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding bird assemblage, Whitton Island (Local)	Maintenance	4	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The assemblage site is at least 1.6 km from the Project, therefore this impact pathway is highly unlikely.
Breeding bird assemblage, Whitton Island (Local)	Maintenance	4	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The assemblage site is at least 1.6

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						km from the Project; therefore this impact pathway is highly unlikely.
Breeding bird assemblage, Whitton Island (Local)	Maintenance	4	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The assemblage site is at least 1.6 km from the Project, therefore this impact pathway is highly unlikely.
Breeding bird assemblage Faxfleet Ponds (Local)	Construction	4	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats as far as practicable; Oversailing to avoid or minimise direct effects on	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			breeding assemblage.	designated site habitats and species as far as practicable; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		**Practice CoCP** are adequate to avoid this effect. The location of the assemblage is at least 1.7 km from the Project.
Breeding bird assemblage Faxfleet Ponds (Local)	Construction	4	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The location of the assemblage is at least 1.7 km from the Project.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.		
Breeding bird assemblage Faxfleet Ponds (Local)	Construction	4	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding bird assemblage Faxfleet Ponds (Local)	Construction	4	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – The location of the assemblage is at least 1.7 km from the Project., therefore this impact pathway is highly unlikely to result in an effect on the receptor.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding bird assemblage Faxfleet Ponds (Local)	Construction	4	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in the **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The location of the assemblage is at least 1.6 km from the Project, therefore this impact pathway is highly unlikely to result in an effect on the receptor.
Breeding bird assemblage Faxfleet Ponds (Local)	Construction	4	Loss / reduction in habitat quality for breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						The location of the assemblage is at least 1.7 km from the Project, therefore this impact pathway is highly unlikely to result in an effect on the receptor.
Breeding bird assemblage Faxfleet Ponds (Local)	Operation	4	Potential for collision mortality on breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing as far as practicable; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design at this location is expected to minimise this risk. Distance between the assemblage site and the Project (1.7 km) reduces the likelihood of bird

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						interactions with the Project.
Breeding bird assemblage Faxfleet Ponds (Local)	Operation	4	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. Distance between the assemblage site and the Project (1.7 km) reduces the likelihood of bird interactions with the Project.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding bird assemblage Faxfleet Ponds (Local)	Operation	4	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	High – the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds here. Distance between the assemblage site and the Project (1.7 km) reduces the likelihood that this impact pathway will have any significant effects on the receptor.
Breeding bird assemblage Faxfleet Ponds (Local)	Maintenance	4	Potential for temporary direct habitat loss and temporary disturbance and	Control and management measures: GG01; GG03; GG04; GG05; Control and management measures: GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			fragmentation of assemblage.			**Code of Construction Practice CoCP** are adequate to avoid this effect. The assemblage site is at least 1.7 km from the Project, therefore this impact pathway is highly unlikely to result in an effect on the receptor.
Breeding bird assemblage Faxfleet Ponds (Local)	Maintenance	4	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The assemblage site is at least 1.7 km from the Project, therefore this impact pathway is highly unlikely, therefore

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						this impact pathway is highly unlikely to result in an effect on the receptor.
Breeding bird assemblage Faxfleet Ponds (Local)	Maintenance	4	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The assemblage site is at least 1.7 km from the Project, therefore this impact pathway is highly unlikely, therefore this impact pathway is highly unlikely to result in an effect on the receptor.
Breeding bird assemblage Faxfleet Ponds	Maintenance	4	Potential for pollution impacts	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15;	Not significant	High – the commitments stated and

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			on assemblage species.	GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The assemblage site is at least 1.7 km from the Project, therefore this impact pathway is highly unlikely to result in an effect on the receptor.
Breeding Bird Assemblage – Area 7, Owston Ferry (Local)	Construction	7	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by breeding assemblage.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats, as far as practicable; Oversailing to avoid or minimise direct effects on habitats and species, where feasible; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible,	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The bird assemblage is adjacent to and overlaps the project, however Project design has

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		been optimised to minimise impacts on habitats.
Breeding Bird Assemblage – Area 7, Owston Ferry (Local)	Construction	7	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.	Not significant	Moderate– proposed mitigation package and Project design avoid direct impacts on the assemblage. Control and management measures stated are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 7, Owston Ferry (Local)	Construction	7	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 7, Owston Ferry (Local)	Construction	7	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 7, Owston Ferry (Local)	Construction	7	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Breeding Bird Assemblage – Area 7, Owston Ferry (Local)	Construction	7	Loss / reduction in habitat quality for breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 7, Owston Ferry (Local)	Operation	7	Potential for collision mortality on breeding birds due to permanent structures/barriers.	Adoption of close-parallel design through this part of the Isle of Axholme; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design at this location is expected to minimise this risk. Breeding passerine species (small perching

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						birds, songbirds) of which this assemblage is mostly comprised, are not at high risk of collision.
Breeding Bird Assemblage – Area 7, Owston Ferry (Local)	Operation	7	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel design at this location, following an existing barrier rather than introducing a discrete new barrier; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to reduce this effect to levels that are not significant.
Breeding Bird Assemblage –	Operation	7	Potential for increased	Adoption of close-parallel Overhead Line design at this	Not significant	High – the proximity of the

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Area 7, Owston Ferry (Local)			predation effects on assemblage species from potential increased populations of predatory birds.	location and it's immediate surroundings.		proposed Overhead Line and pylons to the existing ones at this location means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Breeding Bird Assemblage – Area 7, Owston Ferry (Local)	Maintenance	7	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 7, Owston Ferry (Local)	Maintenance	7	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are adequate to avoid this effect.
Breeding Bird Assemblage – Area 7, Owston Ferry (Local)	Maintenance	7	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 7, Owston Ferry (Local)	Maintenance	7	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Construction	7 and 8	Potential for permanent and temporary direct habitat loss and temporary	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats, as far as practicable;	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			disturbance and fragmentation of habitats utilised by breeding assemblage.	Oversailing to avoid or minimise direct effects on habitats and species, where feasible; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		is still in development and will be finalised for consideration in the ES. The bird assemblage is adjacent to and overlaps the project, however Project design has been optimised to minimise impacts on habitats.
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Construction	7 and 8	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to	Not significant	Moderate– proposed mitigation package and Project design avoid direct impacts on the assemblage. Control and management measures stated are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.		
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Construction	7 and 8	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Construction	7 and 8	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Construction	7 and 8	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Construction	7 and 8	Loss / reduction in habitat quality for breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Operation	7 and 8	Potential for collision mortality on breeding birds due to permanent structures/barriers.	Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						consideration in the ES. Breeding passerine species (small perching birds, songbirds) of which this assemblage is partly comprised, are not at high risk of collision.
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Operation	7 and 8	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to reduce this effect

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						to levels that are not significant.
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Operation	7 and 8	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	None	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Maintenance	7 and 8	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Maintenance	7 and 8	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Construction Practice CoCP are adequate to avoid this effect.
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Maintenance	7 and 8	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 8, Graizelound (Local)	Maintenance	7 and 8	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 9, River Idle	Construction	8	Potential for permanent and temporary direct habitat loss and	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on	Not significant	Moderate – desk study and surveys are ongoing; final Project design and

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			temporary disturbance and fragmentation of habitats utilised by breeding assemblage.	protected habitats, as far as practicable; Oversailing to avoid or minimise direct effects on habitats and species, where feasible; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		mitigation package is still in development and will be finalised for consideration in the ES. The bird assemblage is adjacent to and overlaps the project, however Project design has been optimised to minimise impacts on habitats.
Breeding Bird Assemblage – Area 9, River Idle (Local)	Construction	8	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially	Not significant	Moderate– proposed mitigation package and Project design avoid direct impacts on the assemblage. Control and management measures stated are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.		
Breeding Bird Assemblage – Area 9, River Idle (Local)	Construction	8	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 9, River Idle (Local)	Construction	8	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Breeding Bird Assemblage – Area 9, River Idle (Local)	Construction	8	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 9, River Idle (Local)	Construction	8	Loss / reduction in habitat quality for breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 9, River Idle (Local)	Operation	8	Potential for collision mortality on breeding birds due to permanent structures/barriers	Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						development and will be finalised for consideration in the ES. Breeding passerine species (small perching birds, songbirds) of which this assemblage is mostly comprised, are not at high risk of collision.
Breeding Bird Assemblage – Area 9, River Idle (Local)	Operation	8	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						adequate to reduce this effect to levels that are not significant.
Breeding Bird Assemblage – Area 9, River Idle (Local)	Operation	8	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	None	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Breeding Bird Assemblage – Area 9, River Idle (Local)	Maintenance	8	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 9, River Idle (Local)	Maintenance	8	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Draft Outline Code of Construction Practice CoCP are adequate to avoid this effect.
Breeding Bird Assemblage – Area 9, River Idle (Local)	Maintenance	8	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 9, River Idle (Local)	Maintenance	8	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage –	Construction	9	Potential for permanent and	Micro-siting of individual pylons and access routes to avoid	Not significant	Moderate – desk study and surveys

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Area 10, Gringley on the Hill (Local)			temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by breeding assemblage.	direct and indirect impacts on protected habitats, as far as practicable; Oversailing to avoid or minimise direct effects on habitats and species, where feasible; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.		are ongoing; final Project design and mitigation package Is still in development and will be finalised for consideration in the ES. The bird assemblage is adjacent to and overlaps the project, however Project design has been optimised to minimise impacts on habitats.
Breeding Bird Assemblage – Area 10, Gringley on the Hill (Local)	Construction	9	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations	Not significant	Moderate– proposed mitigation package and Project design avoid direct impacts on the assemblage. Control and management measures stated

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.		are adequate to avoid this effect.
Breeding Bird Assemblage – Area 10, Gringley on the Hill (Local)	Construction	9	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 10, Gringley on the Hill (Local)	Construction	9	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			construction traffic routes.			**Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 10, Gringley on the Hill (Local)	Construction	9	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 10, Gringley on the Hill (Local)	Construction	9	Loss / reduction in habitat quality for breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 10, Gringley on the Hill	Operation	9	Potential for collision mortality on breeding birds due to permanent structures/barriers	Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)						package is still in development and will be finalised for consideration in the ES. Breeding passerine species (small perching birds, songbirds) of which this assemblage is mostly comprised, are not at high risk of collision.
Breeding Bird Assemblage – Area 10, Gringley on the Hill (Local)	Operation	9	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration in the ES. However, the commitments stated and measures **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are likely to be adequate to reduce this effect to levels that are not significant.
Breeding Bird Assemblage – Area 10, Gringley on the Hill (Local)	Operation	9	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	None	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Breeding Bird Assemblage – Area 10, Gringley on the Hill (Local)	Maintenance	9	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 10,	Maintenance	9	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Gringley on the Hill (Local)						**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 10, Gringley on the Hill (Local)	Maintenance	9	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 10, Gringley on the Hill (Local)	Maintenance	9	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 11, Beckingham Wood (Local)	Construction	9	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by breeding assemblage.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats, as far as practicable; The project Design avoids Beckingham Wood and therefore all woodland will be retained. Oversailing to avoid or minimise direct effects on habitats and species, where feasible; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The bird assemblage is adjacent to and overlaps the project, however Project design has been optimised to minimise impacts on habitats.
Breeding Bird Assemblage – Area 11,	Construction	9	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable;	Not significant	Moderate– proposed mitigation package and Project design avoid direct

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Beckingham Wood (Local)				**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.		impacts on the assemblage. Control and management measures stated are adequate to avoid this effect.
Breeding Bird Assemblage – Area 11, Beckingham Wood (Local)	Construction	9	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 11, Beckingham Wood (Local)	Construction	9	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 11, Beckingham Wood (Local)	Construction	9	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 11, Beckingham Wood (Local)	Construction	9	Loss / reduction in habitat quality for breeding assemblage from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						are adequate to avoid this effect.
Breeding Bird Assemblage – Area 11, Beckingham Wood (Local)	Operation	9	Potential for collision mortality on breeding birds due to permanent structures/barriers	Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. Breeding passerine species (small perching birds, songbirds) of which this assemblage is comprised, are not at high risk of collision.
Breeding Bird Assemblage – Area 11, Beckingham Wood (Local)	Operation	9	Potential for effects on assemblage via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier	Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package are still in development and will be finalised for consideration in the ES. However,

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			to species dispersal.			the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to reduce this effect to levels that are not significant.
Breeding Bird Assemblage – Area 11, Beckingham Wood (Local)	Operation	9	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	None	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Breeding Bird Assemblage – Area 11, Beckingham Wood (Local)	Maintenance	9	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of assemblage.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are adequate to avoid this effect.
Breeding Bird Assemblage – Area 11, Beckingham Wood (Local)	Maintenance	9	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 11, Beckingham Wood (Local)	Maintenance	9	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 11, Beckingham Wood	Maintenance	9	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02;	Not significant	High – the commitments stated and measures in **Appendix 4.1**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)				AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		**Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 12, West Burton (Local)	Construction	10	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by breeding assemblage.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats, as far as practicable; The Project design avoids woodland habitat and therefore all woodland will be retained. Oversailing to avoid or minimise direct effects on habitats and species, where feasible; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03; GG05; GG06; GG07; GG08; B02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The bird assemblage is adjacent to and overlaps the project, however Project design has been optimised to minimise impacts on habitats.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 12, West Burton (Local)	Construction	10	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.	Not significant	Moderate– proposed mitigation package and Project design avoid direct impacts on the assemblage. Control and management measures stated are adequate to avoid this effect.
Breeding Bird Assemblage – Area 12, West Burton (Local)	Construction	10	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are adequate to avoid this effect.
Breeding Bird Assemblage – Area 12, West Burton (Local)	Construction	10	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 12, West Burton (Local)	Construction	10	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 12, West Burton (Local)	Construction	10	Loss / reduction in habitat quality for breeding assemblage from changes in	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			groundwater levels.			**Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 12, West Burton (Local)	Operation	10	Potential for collision mortality on breeding birds due to permanent structures/barriers	Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. Breeding passerine species (small perching birds, songbirds) of which this assemblage is comprised, are not at high risk of collision.
Breeding Bird Assemblage – Area 12, West Burton (Local)	Operation	10	Potential for effects on assemblage via habitat fragmentation as a result of the	Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design and mitigation package is still in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			Proposed Overhead Line creating a barrier to species dispersal.			development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to reduce this effect to levels that are not significant.
Breeding Bird Assemblage – Area 12, West Burton (Local)	Operation	10	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	None	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES
Breeding Bird Assemblage – Area 12, West Burton	Maintenance	10	Potential for temporary direct habitat loss and temporary	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			disturbance and fragmentation of assemblage.			**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 12, West Burton (Local)	Maintenance	10	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 12, West Burton (Local)	Maintenance	10	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 12, West Burton (Local)	Maintenance	10	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 13, Fledborough (Local)	Construction	10 and 11	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by breeding assemblage.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on protected habitats, as far as practicable; Oversailing to avoid or minimise direct effects on habitats and species, where feasible; Areas of temporary habitat loss would be reinstated, wherever practicable, following the completion of construction in each area. Wherever possible, reinstatement would be back to the type of habitat affected or improved/enhanced as far as practicable; Control and management measures: GG01; GG03;	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The bird assemblage is adjacent to and overlaps the project, however Project design has been optimised to minimise impacts on habitats.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				GG05; GG06; GG07; GG08; B02.		
Breeding Bird Assemblage – Area 13, Fledborough (Local)	Construction	10 and 11	Potential for incidental mortality of assemblage birds.	Micro-siting of individual pylons and access routes to avoid direct and indirect impacts on species as far as practicable; **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** will include reasonable avoidance measures including appropriate buffers around identified bird nests and other locations identified as especially sensitive for birds as required; and pre-construction surveys to validate and, where necessary, update the baseline survey findings to ensure mitigation or avoidance during construction is based on the latest species baseline information; Control and management measures: GG01; GG05; GG06; B02.	Not significant	Moderate– proposed mitigation package and Project design avoid direct impacts on the assemblage. Control and management measures stated are adequate to avoid this effect.
Breeding Bird Assemblage – Area 13, Fledborough (Local)	Construction	10 and 11	Potential for disturbance to assemblage species from	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			noise/vibration, visual and lighting.			**Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 13, Fledborough (Local)	Construction	10 and 11	Potential for changes in air quality causing adverse effects on the breeding assemblage within 200 m of the construction traffic routes.	Control and management measures: GG01; GG06; GG11; AQ04; AQ13; AQ14; AQ15.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 13, Fledborough (Local)	Construction	10 and 11	Potential for pollution impacts on breeding assemblage.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage –	Construction	10 and 11	Loss / reduction in habitat quality for breeding	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Area 13, Fledborough (Local)			assemblage from changes in groundwater levels.			measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 13, Fledborough (Local)	Operation	10 and 11	Potential for collision mortality on breeding birds due to permanent structures/barriers	Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. Breeding passerine species (small perching birds, songbirds) of which this assemblage is mostly comprised, are not at high risk of collision.
Breeding Bird Assemblage – Area 13, Fledborough	Operation	10 and 11	Potential for effects on assemblage via habitat	Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing and the final design

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.			and mitigation package are still in development and will be finalised for consideration in the ES. However, the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to reduce this effect to levels that are not significant.
Breeding Bird Assemblage – Area 13, Fledborough (Local)	Operation	10 and 11	Potential for increased predation effects on assemblage species from potential increased populations of predatory birds.	None	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Breeding Bird Assemblage –	Maintenance	10 and 11	Potential for temporary direct	Control and management measures: GG01; GG03;	Not significant	High – the commitments

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Area 13, Fledborough (Local)			habitat loss and temporary disturbance and fragmentation of assemblage.	GG04; GG05; GG06; GG11; GG21; NV01; NV02.		stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 13, Fledborough (Local)	Maintenance	10 and 11	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Breeding Bird Assemblage – Area 13, Fledborough (Local)	Maintenance	10 and 11	Potential for disturbance to assemblage species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Breeding Bird Assemblage – Area 13, Fledborough (Local)	Maintenance	10 and 11	Potential for pollution impacts on assemblage species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Table 1.4 - Preliminary assessment of effects on species

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Barn owl (breeding and non-breeding) (District)	Construction	2,3,4,6,7,8,9,10 and 11	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Barn owl (breeding and non-breeding) (District)	Construction	2,3,4,6,7,8,9,10 and 11	Potential for incidental mortality of breeding and non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Barn owl (breeding and non-breeding) (District)	Construction	2,3,4,6,7,8,9,10 and 11	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Barn owl (breeding and non-breeding)	Construction	2,3,4,6,7,8,9,10 and 11	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(District)				GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		**Construction Practice CoCP** are adequate to avoid this effect.
Barn owl (breeding and non-breeding) (District)	Construction	2,3,4,6,7,8,9,10 and 11	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Barn owl (breeding and non-breeding) (District)	Operation	2,3,4,6,7,8,9,10 and 11	Potential for collision mortality on breeding and non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable; Control and management measures: GG01.	Not significant	High – the close parallel Project design across the Humberhead Levels and the Isle of Axholme and mitigation measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The majority of barn owl flight occurs at low elevation; therefore the risk of

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						collision is low for this species.
Barn owl (breeding and non-breeding) (District)	Operation	2,3,4,6,7,8,9,10 and 11	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design at this location is expected to minimise this risk.
Barn owl (breeding and non-breeding) (District)	Operation	2,3,4,6,7,8,9,10 and 11	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Yorkshire Wolds,	Not significant	High – the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels means that the

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.		proposed infrastructure will not add any significant habitat for predatory birds here. Bird species that nest on pylons are unlikely to predate barn owls.
Barn owl (breeding and non-breeding) (District)	Maintenance	2,3,4,6,7,8,9,10 and 11	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Barn owl (breeding and non-breeding) (District)	Maintenance	2,3,4,6,7,8,9,10 and 11	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Barn owl (breeding	Maintenance	2,3,4,6,7,8,9,10 and 11	Potential for disturbance to protected or notable bird species from	Control and management measures: GG01;	Not significant	High – the commitments stated and measures in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
and non-breeding) (District)			noise/vibration, visual and lighting.	GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02		**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Barn owl (breeding and non-breeding) (District)	Maintenance	2,3,4,6,7,8,9,10 and 11	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bearded tit (non-breeding and potentially breeding) (District)	Construction	3 and 4	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Bearded tit (non-breeding and potentially breeding) (District)	Construction	3 and 4	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Bearded tit (non-breeding and potentially breeding) (District)	Construction	3 and 4	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bearded tit (non-breeding and potentially breeding) (District)	Construction	3 and 4	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bearded tit (non-breeding and potentially breeding) (District)	Construction	3 and 4	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, B04.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bearded tit (non-breeding and	Operation	3 and 4	Potential for effects on species via habitat fragmentation as a result of	Adoption of close-parallel and synchronised	Not significant	Moderate – surveys and desk study are ongoing; final Project

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
potentially breeding) (District)			the Proposed Overhead Line creating a barrier to species dispersal.	Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing as far as practicable; Control and management measures: GG01.		design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design at this location is expected to minimise this risk.
Bearded tit (non-breeding and potentially breeding) (District)	Operation	3 and 4	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels and at the River Ouse Crossing means that the proposed infrastructure will not add any significant

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						habitat for predatory birds here.
Bearded tit (non-breeding and potentially breeding) (District)	Maintenance	3 and 4	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bearded tit (non-breeding and potentially breeding) (District)	Maintenance	3 and 4	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bearded tit (non-breeding and potentially breeding) (District)	Maintenance	3 and 4	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Bearded tit (non-breeding and potentially breeding) (District)	Maintenance	3 and 4	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bittern (Breeding and non-breeding) (District)	Construction	3 and 4	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Bittern (Breeding and non-breeding) (District)	Construction	3 and 4	Potential for incidental mortality of breeding and non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Bittern (Breeding and non-breeding) (District)	Construction	3 and 4	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						adequate to avoid this effect.
Bittern (Breeding and non-breeding) (District)	Construction	3 and 4	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bittern (Breeding and non-breeding) (District)	Construction	3 and 4	Loss/reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bittern (Breeding and non-breeding) (District)	Operation	3 and 4	Potential for collision mortality with breeding and non-breeding birds due to permanent structures/barriers	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						across the Humberhead levels and the River Ouse is expected to minimise this risk.
Bittern (Breeding and non-breeding) (District)	Operation	3 and 4	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels and the western alignment with the River Ouse Crossing and mitigation measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to avoid this effect.
Bittern (Breeding	Operation	3 and 4	Potential for increased predation effects from potential increased	Adoption of close-parallel and synchronised	Not significant	High – surveys and desk study are ongoing; final Project

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
and non-breeding) (District)			predation by predatory bird species.	Overhead Line design as far as possible through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.		design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels and the River Ouse and means that the proposed infrastructure will not add any significant habitat for predatory birds here. Furthermore, this species has few avian predators and would not be vulnerable to predation from species that nest on pylons.
Bittern (Breeding and non-breeding)	Maintenance	3 and 4	Potential for temporary direct habitat loss and temporary disturbance and	Control and management measures: GG01; GG03, GG04; GG05; GG06;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(District)			fragmentation of habitats utilised by this species.	GG09; GG11; GG21; B01; B02; NV02;		**Construction Practice CoCP** are adequate to avoid this effect.
Bittern (Breeding and non-breeding) (District)	Maintenance	3 and 4	Potential for incidental mortality of birds	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bittern (Breeding and non-breeding) (District)	Maintenance	3 and 4	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Bittern (Breeding and non-breeding) (District)	Maintenance	3 and 4	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				AQ04; AQ13; AQ14; AQ15; AQ16; AQ19		adequate to avoid this effect.
Black redstart (non-breeding[8]) (District)	Construction	2	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Black redstart (non-breeding) (District)	Construction	2	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Black redstart (non-breeding) (District)	Construction	2	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Black redstart	Construction	2	Potential for pollution impacts affecting species.	Control and management	Not significant	High – the commitments stated

[8] Recorded during the breeding season, but no evidence for breeding in the survey area.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(non-breeding) (District)				measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Black redstart (non-breeding) (District)	Construction	2	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Black redstart (non-breeding) (District)	Operational	2	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Yorkshire Wolds, as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Yorkshire Wolds means that

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						the proposed infrastructure will not add any significant habitat for predatory birds here.
Black redstart (non-breeding) (District)	Maintenance	2	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of species habitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Black redstart (non-breeding) (District)	Maintenance	2	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Black redstart (non-breeding) (District)	Maintenance	2	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						adequate to avoid this effect.
Black redstart (non-breeding) (District)	Maintenance	2	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Black-tailed Godwit (non-breeding) (Local)	Construction	3	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Black-tailed Godwit (non-breeding) (Local)	Construction	3	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Black-tailed Godwit (non-breeding) (Local)	Construction	3	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				GG11, GG21; NV02.		**Construction Practice CoCP** are adequate to avoid this effect.
Black-tailed Godwit (non-breeding) (Local)	Construction	3	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Black-tailed Godwit (non-breeding) (Local)	Construction	3	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Black-tailed Godwit (non-breeding) (Local)	Operation	3	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Levels, as far as practicable; Control and management measures: GG01.		for consideration in the ES. However, the close parallel Project design across the Humberhead Levels are likely to be adequate to avoid this effect.
Black-tailed Godwit (non-breeding) (Local)	Operation	3	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels are likely to be adequate to avoid this effect.
Black-tailed Godwit (non-breeding) (Local)	Operational	3	Potential for increased predation effects from potential increased	Adoption of close-parallel and synchronised Overhead Line design as far as	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			populations of predatory bird species.	possible through the Humberhead Levels as far as practicable.		development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Black-tailed Godwit (non-breeding) (Local)	Maintenance	3	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Black-tailed Godwit (non-breeding) (Local)	Maintenance	3	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are adequate to avoid this effect.
Black-tailed Godwit (non-breeding) (Local)	Maintenance	3	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Black-tailed Godwit (non-breeding) (Local)	Maintenance	3	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Cetti's warbler (breeding and non-breeding) (Local)	Construction	3,4,6 and 7	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Cetti's warbler (breeding and non-breeding) (Local)	Construction	3,4,6 and 7	Potential for incidental mortality of breeding and non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Cetti's warbler (breeding and non-breeding) (Local)	Construction	3,4,6 and 7	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Cetti's warbler (breeding and non-breeding) (Local)	Construction	3,4,6 and 7	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Cetti's warbler (breeding and non-breeding) (Local)	Construction	3,4,6 and 7	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Practice CoCP are adequate to avoid this effect.
Cetti's warbler (breeding and non-breeding) (Local)	Operation	3,4,6 and 7	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design at this location is expected to minimise this risk.
Cetti's warbler (breeding and non-breeding) (Local)	Operation	3,4,6 and 7	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						proposed Overhead Line and pylons to the existing ones across the Humberhead Levels and at the River Ouse Crossing means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Cetti's warbler (breeding and non-breeding) (Local)	Maintenance	3,4,6 and 7	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Cetti's warbler (breeding and non-breeding) (Local)	Maintenance	3,4,6 and 7	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Cetti's warbler (breeding and non-breeding) (Local)	Maintenance	3,4,6 and 7	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Cetti's warbler (breeding and non-breeding) (Local)	Maintenance	3,4,6 and 7	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Common tern (breeding, flight activity only[9]) (Local)	Operation	3 and 8	Potential for collision mortality on breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels as far as practicable.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

[9] Recorded during the breeding season, but all records of foraging birds only. No suitable breeding habitats within the survey areas or the environs of the Project. Assessment is based on ad hoc observations of habitat use. Formal assessment using flight activity data will be carried out for the ES.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						However, the close parallel Project design across the Humberhead Levels is likely to be adequate to avoid this effect at this location, and all observed common tern activity was at low altitude (approximately 5m or less).
Common tern (breeding, flight activity only) (Local)	Operation	3 and 8	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels and mitigation measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						likely to be adequate to avoid this effect.
Common tern (breeding, flight activity only) (Local)	Operation	3 and 8	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Cormorant (flight activity only) (Local)	Operation	3, 4, 6, 7, 8, 9	Potential for collision mortality on breeding and non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels, Isle of	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Axholme and at the River Ouse crossing as far as practicable.		for consideration in the ES. However, the close parallel Project design across the Humberhead Levels, the River Ouse Crossing and the Isle of Axholme are likely to be adequate to avoid this effect.
Cormorant (flight activity only) (Local)	Operation	3, 4, 6, 7, 8, 9	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels, the River Ouse Crossing and the isle of Axholme and mitigation measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						likely to be adequate to avoid this effect.
Curlew (non-breeding) (Local)	Construction	3, 4	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Curlew (non-breeding) (Local)	Construction	3, 4	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Curlew (non-breeding) (Local)	Construction	3, 4	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Curlew (non-breeding) (Local)	Construction	3, 4	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		**Construction Practice CoCP** are adequate to avoid this effect.
Curlew (non-breeding) (Local)	Construction	3, 4	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Curlew (non-breeding) (Local)	Operation	3, 4	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels and the River Ouse are likely to be adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Curlew (non-breeding) (Local)	Operation	3, 4	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels and the River Ouse are likely to be adequate to avoid this effect.
Curlew (non-breeding) (Local)	Operation	3, 4	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						across the Humberhead Levels and at the River Ouse Crossing means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Curlew (non-breeding) (Local)	Maintenance	3, 4	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Curlew (non-breeding) (Local)	Maintenance	3, 4	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Curlew (non-breeding)	Maintenance	3, 4	Potential for disturbance to protected or notable bird	Control and management	Not significant	High – the commitments stated

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			species from noise/vibration, visual and lighting.	measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02		and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Curlew (non-breeding) (Local)	Maintenance	3, 4	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Dunlin (non-breeding, flight activity only) (Local)	Operation	4	Potential for collision mortality on non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design as far as possible at the River Ouse crossing as far as practicable.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across at the River Ouse are likely to be adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Dunlin (non-breeding, flight activity only) (Local)	Operation	4	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design at the River Ouse are likely to be adequate to avoid this effect.
Gadwall (flight activity only) (Local)	Operation	3, 4	Potential for collision mortality of birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through Humberhead Levels at the River Ouse crossing as far as practicable.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels and the River Ouse are likely to be

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						adequate to avoid this effect.
Gadwall (flight activity only) (Local)	Operation	3, 4	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels and the River Ouse are likely to be adequate to avoid this effect.
Golden plover (non-breeding) (Local)	Construction	3, 4, 5, 6, 8	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Golden plover (non-breeding) (Local)	Construction	3, 4, 5, 6, 8	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Golden plover (non-breeding) (Local)	Construction	3, 4, 5, 6, 8	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Golden plover (non-breeding) (Local)	Construction	3, 4, 5, 6, 8	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Golden plover (non-breeding) (Local)	Construction	3, 4, 5, 6, 8	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						adequate to avoid this effect.
Golden plover (non-breeding) (Local)	Operation	3, 4, 5, 6, 8	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels, the River Ouse and the Isle of Axholme are likely to be adequate to minimise this effect.
Golden plover (non-breeding) (Local)	Operation	3, 4, 5, 6, 8	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.		design across the Humberhead Levels, the River Ouse and the Isle of Axholme are likely to be adequate to minimise this effect.
Golden plover (non-breeding) (Local)	Operation	3, 4, 5, 6, 8	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels and at the River Ouse Crossing means that the proposed infrastructure will not add any significant habitat for predatory birds here.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Golden plover (non-breeding) (Local)	Maintenance	3, 4, 5, 6, 8	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Golden plover (non-breeding) (Local)	Maintenance	3, 4, 5, 6, 8	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Golden plover (non-breeding) (Local)	Maintenance	3, 4, 5, 6, 8	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Golden plover (non-breeding)	Maintenance	3, 4, 5, 6, 8	Potential for pollution impacts on species.	Control and management measures: GG01;	Not significant	High – the commitments stated and measures in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)				GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19		**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Grey heron (non-breeding) (Local)	Construction	3, 4, 6, 8	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Grey heron (non-breeding) (Local)	Construction	3, 4, 6, 8	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Grey heron (non-breeding) (Local)	Construction	3, 4, 6, 8	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Grey heron (non-breeding) (Local)	Construction	3, 4, 6, 8	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Grey heron (non-breeding) (Local)	Construction	3, 4, 6, 8	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Grey heron (non-breeding) (Local)	Operation	3, 4, 6, 8	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design across the Humberhead levels, the River Ouse and

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						the Isle of Axholme is expected to minimise this risk.
Grey heron (non-breeding) (Local)	Operation	3, 4, 6, 8	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels, the River Ouse Crossing and the isle of Axholme and mitigation measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to avoid this effect.
Grey heron (non-breeding) (Local)	Operation	3, 4, 6, 8	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead	Not significant	High – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.		be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels, the River Ouse and the Isle of Axholme means that the proposed infrastructure will not add any significant habitat for predatory birds here. Furthermore this species has few avian predators and would not be vulnerable to predation from species that nest on pylons.
Grey heron (non-breeding) (Local)	Maintenance	3, 4, 6, 8	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				GG21; B01; B02; NV02;		adequate to avoid this effect.
Grey heron (non-breeding) (Local)	Maintenance	3, 4, 6, 8	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Grey heron (non-breeding) (Local)	Maintenance	3, 4, 6, 8	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Grey heron (non-breeding) (Local)	Maintenance	3, 4, 6, 8	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Green sandpiper (non-breeding[10]) (District)	Construction	3	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Green sandpiper (non-breeding) (District)	Construction	3	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Green sandpiper (non-breeding) (District)	Construction	3	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Green sandpiper (non-breeding)	Construction	3	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of**

[10] Recorded during the breeding season, but no evidence of breeding

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(District)				GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.		**Construction Practice CoCP** are adequate to avoid this effect.
Green sandpiper (non-breeding) (District)	Construction	3	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Green sandpiper (non-breeding) (District)	Operation	3	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels are likely to be adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Green sandpiper (non-breeding) (District)	Operation	3	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels are likely to be adequate to avoid this effect.
Green sandpiper (non-breeding) (District)	Operation	3	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the Humberhead Levels as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Green sandpiper (non-breeding) (District)	Maintenance	3	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Green sandpiper (non-breeding) (District)	Maintenance	3	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Green sandpiper (non-breeding) (District)	Maintenance	3	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				GG11; GG21; NV01; NV02		**Practice CoCP** are adequate to avoid this effect.
Green sandpiper (non-breeding) (District)	Maintenance	3	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Greenshank (non-breeding) (Local)	Construction	3	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Greenshank (non-breeding) (Local)	Construction	3	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Greenshank (non-breeding)	Construction	3	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)				GG05; GG06; GG11, GG21; NV02.		**Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Greenshank (non-breeding) (Local)	Construction	3	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Greenshank (non-breeding) (Local)	Construction	3	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Greenshank (non-breeding) (Local)	Operation	3	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Levels, as far as practicable; Control and management measures: GG01.		for consideration in the ES. However, the close parallel Project design across the Humberhead Levels are likely to be adequate to avoid this effect.
Greenshank (non-breeding) (Local)	Operation	3	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels are likely to be adequate to avoid this effect.
Greenshank (non-breeding) (Local)	Operation	3	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design as far as possible through the	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Humberhead Levels, as far as practicable.		be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Greenshank (non-breeding) (Local)	Maintenance	3	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habtitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Greenshank (non-breeding) (Local)	Maintenance	3	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						adequate to avoid this effect.
Greenshank (non-breeding) (Local)	Maintenance	3	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Greenshank (non-breeding) (Local)	Maintenance	3	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Hen harrier (non-breeding) (District)	Construction	4, 5, 6	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Hen harrier (non-breeding) (District)	Construction	4, 5, 6	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Hen harrier (non-breeding) (District)	Construction	4, 5, 6	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Hen harrier (non-breeding) (District)	Construction	4, 5, 6	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Hen harrier (non-breeding) (District)	Construction	4, 5, 6	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						adequate to avoid this effect.
Hen harrier (non-breeding) (District)	Operation	4, 5, 6	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design at River Ouse crossing and Isle of Axholme as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The volume of recorded flight activity is so low as to be negligible, therefore significant effects are not expected for this species.
Hen harrier (non-breeding) (District)	Operation	4, 5, 6	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design at the River Ouse crossing and Isle of Axholme, following an existing barrier rather than introducing a discrete new barrier	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				as far as practicable.		
Hen harrier (non-breeding) (District)	Operation	4, 5, 6	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design at the River Ouse crossing and Isle of Axholme as far as practicable.	Not significant	High - the proximity of the proposed Overhead Line and pylons to the existing ones across the River Ouse Crossing and Isle of Axholme means that the proposed infrastructure will not add any significant habitat for predatory birds here. Furthermore, the species likely to nest on pylons would be unlikely to predate hen harriers.
Hen harrier (non-breeding) (District)	Maintenance	4, 5, 6	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Hen harrier (non-breeding) (District)	Maintenance	4, 5, 6	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Hen harrier (non-breeding) (District)	Maintenance	4, 5, 6	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Hen harrier (non-breeding) (District)	Maintenance	4, 5, 6	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Hobby (breeding) (District)	Construction	3, 8 and 10	Potential for permanent and temporary direct habitat loss and temporary	Control and management measures: GG01;	Significant	Moderate – desk study and surveys are ongoing; final

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			disturbance and fragmentation of habitats utilised by species.	GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.		Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, surveys to date demonstrate the dependence on a natural nest site in a trees adjacent to the draft Order Limits for nesting and perching birds.
Hobby (breeding) (District)	Construction	3, 8 and 10	Potential for incidental mortality of breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design should avoid direct effects on the species.
Hobby (breeding) (District)	Construction	3, 8 and 10	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, surveys to date identify a nest site

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						adjacent to the Draft Order Limits.
Hobby (breeding) (District)	Construction	3, 8 and 10	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Hobby (breeding) (District)	Construction	3, 8 and 10	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03, .	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Hobby (breeding) (District)	Operation	3, 8 and 10	Potential for collision mortality on breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						The volume of recorded flight activity is so low as to be negligible, therefore significant effects are not expected for this species.
Hobby (breeding) (District)	Operation	3, 8 and 10	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, following an existing barrier rather than introducing a discrete new barrier where technically feasibe.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Hobby (breeding) (District)	Operation	3, 8 and 10	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels as far as practicable.	Not significant	High - the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels and Isle of Axholme means that the proposed infrastructure will not

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						add any significant habitat for predatory birds here. Furthermore, hobbies have few avian predators.
Hobby (breeding) (District)	Operation	3, 8 and 10	Potential habitat gains for nesting birds through the introduction of pylons.	None	Not significant	Moderate - the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels and Isle of Axholme means that the proposed infrastructure will not add any significant habitat for nesting hobby in these areas. However, habitat gains may be made elsewhere in sections of the Project that are not close parallel with existing infrastructure (acknowledging the potentially widespread occurrence of this species).

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Hobby (breeding) (District)	Maintenance	3, 8 and 10	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Hobby (breeding) (District)	Maintenance	3, 8 and 10	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Hobby (breeding) (District)	Maintenance	3, 8 and 10	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Hobby (breeding) (District)	Maintenance	3, 8 and 10	Potential for pollution impacts on species	Control and management measures: GG01;	Not significant	High – the commitments stated and measures in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19		**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Kingfisher (breeding and non-breeding) (Local)	Construction	3, 6, 8	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Kingfisher (breeding and non-breeding) (Local)	Construction	3, 6, 8	Potential for incidental mortality of breeding and non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Kingfisher (breeding and non-breeding) (Local)	Construction	3, 6, 8	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Kingfisher (breeding and non-breeding) (Local)	Construction	3, 6, 8	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Kingfisher (breeding and non-breeding) (Local)	Construction	3, 6, 8	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Kingfisher (breeding and non-breeding) (Local)	Operation	3, 6, 8	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and the Isle of Axholme, following an existing barrier rather than introducing a discrete new barrier	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				as far as practicable.		
Kingfisher (breeding and non-breeding) (Local)	Operation	3, 6, 8	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and Isle of Axholme as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels and Isle of Axholme means that the proposed infrastructure will not add any significant habitat for predatory birds here. Furthermore, the key predators of this species in the UK are domestic cats and mink, rather than other birds.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Kingfisher (breeding and non-breeding) (Local)	Maintenance	3, 6, 8	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of species.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Kingfisher (breeding and non-breeding) (Local)	Maintenance	3, 6, 8	Potential for incidental mortality of birds.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Kingfisher (breeding and non-breeding) (Local)	Maintenance	3, 6, 8	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Lapwing (breeding	Construction	1, 3, 4, 5, 7, 8, 9, 10	Potential for permanent and temporary direct habitat loss and temporary	Control and management measures: GG01;	Not significant	Moderate – desk study and surveys are ongoing; final

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
and non-breeding) (Local)			disturbance and fragmentation of habitats utilised by species.	GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.		Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Lapwing (breeding and non-breeding) (Local)	Construction	1, 3, 4, 5, 7, 8, 9, 10	Potential for incidental mortality of breeding and non-breeding birds.	GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Lapwing (breeding and non-breeding) (Local)	Construction	1, 3, 4, 5, 7, 8, 9, 10	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Lapwing (breeding and non-breeding) (Local)	Construction	1, 3, 4, 5, 7, 8, 9, 10	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Lapwing (breeding and non-breeding) (Local)	Construction	1, 3, 4, 5, 7, 8, 9, 10	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Lapwing (breeding and non-breeding) (Local)	Operation	1, 3, 4, 5, 7, 8, 9, 10	Potential for collision mortality of breeding and non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable; Control and management measures: GG01.	Significant	Low - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. Relatively large volumes of flight activity have been recorded for this species across a wide area, however the close parallel Project design across the Humberhead Levels, the River Ouse and the Isle of Axholme will limit this effect in these areas.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Lapwing (breeding and non-breeding) (Local)	Operation	1, 3, 4, 5, 7, 8, 9, 10	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels, the River Ouse and the Isle of Axholme will limit this effect in these areas.
Lapwing (breeding and non-breeding) (Local)	Operation	1, 3, 4, 5, 7, 8, 9, 10	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						the existing ones across the Humberhead Levels, the River Ouse and the Isle of Axholme means that the proposed infrastructure will not add any significant habitat for predatory birds in these areas.
Lapwing (breeding and non-breeding) (Local)	Maintenance	1, 3, 4, 5, 7, 8, 9, 10	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Lapwing (breeding and non-breeding) (Local)	Maintenance	1, 3, 4, 5, 7, 8, 9, 10	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Lapwing (breeding and non-breeding) (Local)	Maintenance	1, 3, 4, 5, 7, 8, 9, 10	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Lapwing (breeding and non-breeding) (Local)	Maintenance	1, 3, 4, 5, 7, 8, 9, 10	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Little ringed plover (breeding) (Local)	Construction	3	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	High – birds recorded within Broomfleet Tile works land that is outside of draft Order Limits project so no habitat loss expected.
Little ringed plover (breeding) (Local)	Construction	3	Potential for incidental mortality of breeding birds.	GG01; GG05; GG06; B01; B02.	Not significant	High – birds recorded within Broomfleet Tile works land that is outside of draft Order

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Limits, so no habitat loss expected
Little ringed plover (breeding) (Local)	Construction	3	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Little ringed plover (breeding) (Local)	Construction	3	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Little ringed plover (breeding) (Local)	Construction	3	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Little ringed plover (breeding) (Local)	Operation	3	Potential for collision mortality with breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels as far as practicable; Control and management measures: GG01.	Significant	Low - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The close parallel Project design across the Humberhead Levels will limit this effect in area the species has been recorded. Little ringed plover are a small manoeuvrable species that have a very low collision risk. Finally, 107 hours of vantage point surveys have been done near the location of the little ringed plover and no flight activity has been recorded.
Little ringed plover (breeding)	Operation	3	Potential for effects on species via habitat fragmentation as a result of	Adoption of close-parallel and synchronised	Not significant	Moderate – desk study and surveys are ongoing; final

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			the Proposed Overhead Line creating a barrier to species dispersal.	Overhead Line design through the Humberhead Levels, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.		Project design and mitigation package is still in development and will be finalised for consideration in the ES. The close parallel Project design across the Humberhead Levels, will limit this effect in area the species has been recorded.
Little ringed plover (breeding) (Local)	Operation	3	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels means that the proposed infrastructure will not add any significant

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						habitat for predatory birds in these areas.
Little ringed plover (breeding) (Local)	Maintenance	3	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by thisspecies.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Little ringed plover (breeding) (Local)	Maintenance	3	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Little ringed plover (breeding) (Local)	Maintenance	3	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Little ringed plover (breeding) (Local)	Maintenance	3	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Little egret (non-breeding, flight activity only) (Local)	Operation	3, 4, 6, 7, 8	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design across the Humberhead levels, the River Ouse and the Isle of Axholme is expected to minimise this risk. The volume of flight activity recorded to date is low, and only 25% of the recorded flights have been at risk of collision.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Little egret (non-breeding, flight activity only) (Local)	Operation	3, 4, 6, 7, 8	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels, the River Ouse Crossing and the isle of Axholme and mitigation measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to avoid this effect.
Little egret (non-breeding, flight activity only) (Local)	Operation	3, 4, 6, 7, 8	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				as far as practicable.		proposed Overhead Line and pylons to the existing ones across the Humberhead Levels, the River Ouse and the Isle of Axholme means that the proposed infrastructure will not add any significant habitat for predatory birds here. Furthermore, the species likely to nest on pylons would be unlikely to predate little egret.
Mallard and greylag goose (breeding and non-breeding) (Local)	Construction	1, 2, 3, 4, 5, 6, 7, 8, 10, 11	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Mallard and greylag goose (breeding	Construction	1, 2, 3, 4, 5, 6, 7, 8, 10, 11	Potential for incidental mortality of breeding and non-breeding birds.	Control and management measures: GG01;	Not significant	High – proposed mitigation package and Project design

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
and non-breeding) (Local)				GG05; GG06; B01; B02.		avoid direct effects on the species.
Mallard and greylag goose (breeding and non-breeding) (Local)	Construction	1, 2, 3, 4, 5, 6, 7, 8, 10, 11	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mallard and greylag goose (breeding and non-breeding) (Local)	Construction	1, 2, 3, 4, 5, 6, 7, 8, 10, 11	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mallard and greylag goose (breeding and non-breeding) (Local)	Construction	1, 2, 3, 4, 5, 6, 7, 8, 10, 11	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Mallard and greylag goose (breeding and non-breeding) (Local)	Operation	1, 2, 3, 4, 5, 6, 7, 8, 10, 11	Potential for collision mortality with breeding and non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design across the Yorkshire Wolds, Humberhead levels, the River Ouse and the Isle of Axholme is expected to minimise this risk. The volume of flight activity recorded to date is low, with only around 50% of all recorded flights for each species at a height that puts them at risk of collision.
Mallard and greylag goose (breeding and non-breeding) (Local)	Operation	1, 2, 3, 4, 5, 6, 7, 8, 10, 11	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Yorkshire Wolds, Humberhead	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.		consideration in the ES. However, the close parallel Project design across the Yorkshire Wolds, Humberhead Levels, the River Ouse Crossing and the isle of Axholme and mitigation measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to avoid this effect.
Mallard and greylag goose (breeding and non-breeding) (Local)	Operation	1, 2, 3, 4, 5, 6, 7, 8, 10, 11	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Yorkshire Wolds, Humberhead Levels, the River

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Ouse and the Isle of Axholme means that the proposed infrastructure will not add any significant habitat for predatory birds here. The species likely to nest on pylons would be unlikely to predate greylag goose.
Mallard and greylag goose (breeding and non-breeding) (Local)	Maintenance	1, 2, 3, 4, 5, 6, 7, 8, 10, 11	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mallard and greylag goose (breeding and non-breeding) (Local)	Maintenance	1, 2, 3, 4, 5, 6, 7, 8, 10, 11	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Mallard and greylag goose (breeding and non-breeding) (Local)	Maintenance	1, 2, 3, 4, 5, 6, 7, 8, 10, 11	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mallard and greylag goose (breeding and non-breeding) (Local)	Maintenance	1, 2, 3, 4, 5, 6, 7, 8, 10, 11	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Marsh harrier (breeding and non-breeding) (District)	Construction	3, 4, 5, 6, 8	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Marsh harrier (breeding	Construction	3, 4, 5, 6, 8	Potential for incidental mortality of breeding and non-breeding birds.	Control and management measures: GG01;	Not significant	High – proposed mitigation package and Project design

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
and non-breeding) (District)				GG05; GG06; B01; B02.		avoid direct effects on the species.
Marsh harrier (breeding and non-breeding) (District)	Construction	3, 4, 5, 6, 8	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Marsh harrier (breeding and non-breeding) (District)	Construction	3, 4, 5, 6, 8	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Marsh harrier (breeding and non-breeding) (District)	Construction	3, 4, 5, 6, 8	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Marsh harrier (breeding and non-breeding) (District)	Operation	3, 4, 5, 6, 8	Potential for collision mortality with breeding and non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design across the Humberhead levels, the River Ouse and the Isle of Axholme is expected to minimise this risk. Approximately, 57% of all recorded marsh harrier flights were within at risk height. However, no collisions between birds and wires were recorded.
Marsh harrier (breeding and non-breeding) (District)	Operation	3, 4, 5, 6, 8	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.		ES. However, the close parallel Project design across the Humberhead Levels, the River Ouse Crossing and the Isle of Axholme and mitigation measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to avoid this effect.
Marsh harrier (breeding and non-breeding) (District)	Operation	3, 4, 5, 6, 8	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	High – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels, the River Ouse and the Isle of Axholme means that the

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						proposed infrastructure will not add any significant habitat for predatory birds here. Furthermore, the species likely to nest on pylons would be unlikely to predate marsh harrier.
Marsh harrier (breeding and non-breeding) (District)	Maintenance	3, 4, 5, 6, 8	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Marsh harrier (breeding and non-breeding) (District)	Maintenance	3, 4, 5, 6, 8	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Marsh harrier	Maintenance	3, 4, 5, 6, 8	Potential for disturbance to protected or notable bird	Control and management	Not significant	High – the commitments stated

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(breeding and non-breeding) (District)			species from noise/vibration, visual and lighting.	measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02		and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Marsh harrier (breeding and non-breeding) (District)	Maintenance	3, 4, 5, 6, 8	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mediterranean Gull (non-breeding[11]) (Local)	Construction	3	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Mediterranean Gull (non-breeding)	Construction	3	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01;	Not significant	High – proposed mitigation package and Project design

[11] Recorded during the breeding season, but no evidence of breeding

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)				GG05; GG06; B01; B02.		avoid direct effects on the species.
Mediterranean Gull (non-breeding) (Local)	Construction	3	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mediterranean Gull (non-breeding) (Local)	Construction	3	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mediterranean Gull (non-breeding) (Local)	Construction	3	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Mediterranean Gull (non-breeding) (Local)	Operation	3	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels is likely to be adequate to avoid this effect.
Mediterranean Gull (non-breeding) (Local)	Operation	3	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Mediterranean Gull (non-breeding) (Local)	Maintenance	3	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mediterranean Gull (non-breeding) (Local)	Maintenance	3	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mediterranean Gull (non-breeding) (Local)	Maintenance	3	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				GG11; GG21; NV01; NV02		**Practice CoCP** are adequate to avoid this effect.
Mediterranean Gull (non-breeding) (Local)	Maintenance	3	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Merlin (non-breeding, flight activity only) (District)	Operation	1, 3, 4, 5, 8	Potential for collision mortality of non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	High– The close parallel design across the Humberhead levels, the River Ouse and the Isle of Axholme is expected to minimise this risk. The volume of recorded flight activity is negligible.
Merlin (non-breeding, flight activity only) (District)	Operation	1, 3, 4, 5, 8	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.		consideration in the ES. However, the close parallel Project design across the Humberhead Levels, the River Ouse Crossing and the Isle of Axholme and mitigation measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are likely to be adequate to avoid this effect.
Merlin (non-breeding, flight activity only) (District)	Operation	1, 3, 4, 5, 8	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	High– surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels, the River Ouse and the Isle of Axholme

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Mute swan (breeding and non-breeding) (Local)	Construction	3, 4, 5, 6, 7, 8, 10	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Mute swan (breeding and non-breeding) (Local)	Construction	3, 4, 5, 6, 7, 8, 10	Potential for incidental mortality of breeding and non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Mute swan (breeding and non-breeding) (Local)	Construction	3, 4, 5, 6, 7, 8, 10	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Mute swan (breeding and non-breeding) (Local)	Construction	3, 4, 5, 6, 7, 8, 10	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mute swan (breeding and non-breeding) (Local)	Construction	3, 4, 5, 6, 7, 8, 10	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mute swan (breeding and non-breeding) (Local)	Operation	3, 4, 5, 6, 7, 8, 10	Potential for collision mortality with breeding and non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable;	Not significant	Moderate – the volume of recorded flight activity is relatively small and the close parallel Project design across the Humberhead Levels, the River Ouse and the Isle of Axholme are likely to be adequate to minimise this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Control and management measures: GG01.		However, desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Mute swan (breeding and non-breeding) (Local)	Operation	3, 4, 5, 6, 7, 8, 10	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels, the River Ouse and the Isle of Axholme are likely to be adequate to avoid this effect.
Mute swan (breeding	Operation	3, 4, 5, 6, 7, 8, 10	Potential for increased predation effects from potential increased	Adoption of close-parallel and synchronised	Not significant	High – surveys and desk study are ongoing; final Project

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
and non-breeding) (Local)			populations of predatory bird species.	Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.		design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels and at the River Ouse Crossing means that the proposed infrastructure will not add any significant habitat for predatory birds here. Mute swan has no avian predators.
Mute swan (breeding and non-breeding) (Local)	Maintenance	3, 4, 5, 6, 7, 8, 10	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Mute swan (breeding and non-breeding) (Local)	Maintenance	3, 4, 5, 6, 7, 8, 10	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mute swan (breeding and non-breeding) (Local)	Maintenance	3, 4, 5, 6, 7, 8, 10	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Mute swan (breeding and non-breeding) (Local)	Maintenance	3, 4, 5, 6, 7, 8, 10	Potential for pollution impacts on species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Osprey (non-breeding,	Operation	3	Potential for collision mortality of non-breeding	Adoption of close-parallel and synchronised	Not significant	High– The close parallel design across the

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
flight activity only) (District)			birds due to permanent structures/barriers.	Overhead Line design through the Humberhead Levels as far as practicable.		Humberhead levels, is expected to minimise this risk. The volume of recorded flight activity is negligible.
Osprey (non-breeding, flight activity only) (District)	Operation	3	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	High – The close parallel Project design across the Humberhead Levels and mitigation measures in High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect. The volume of recorded flight activity for this species is negligible. Ospreys are unlikely to be present long enough for significant interaction with the Project.
Osprey (non-breeding,	Operation	3	Potential for increased predation effects from	Adoption of close-parallel and	Not significant	High –The proximity of the proposed

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
flight activity only) (District)			potential increased populations of predatory bird species.	synchronised Overhead Line design through the Humberhead Levels as far as practicable.		Overhead Line and pylons to the existing ones across the Humberhead Levels means that the proposed infrastructure will not add any significant habitat for predatory birds here. Osprey have few avian predators in the UK.
Oystercatcher (breeding) (Local)	Construction	1, 3, 8	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Oystercatcher (breeding) (Local)	Construction	1, 3, 8	Potential for incidental mortality of breeding birds.	GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Oystercatcher (breeding) (Local)	Construction	1, 3, 8	Potential for disturbance to species from	Control and management measures: GG01;	Not significant	High – the commitments stated and measures in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			noise/vibration, visual and lighting.	GG03; GG04; GG05; GG06; GG11, GG21; NV02.		**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Oystercatcher (breeding) (Local)	Construction	1, 3, 8	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Oystercatcher (breeding) (Local)	Construction	1, 3, 8	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Oystercatcher (breeding) (Local)	Operation	1, 3, 8	Potential for collision mortality with breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels	Significant	Low - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				and Isle of Axholme as far as practicable; Control and management measures: GG01.		be finalised for consideration in the ES. The close parallel Project design across the Humberhead Levels, and the Isle of Axholme will limit this effect in area the species has been recorded.
Oystercatcher (breeding) (Local)	Operation	1, 3, 8	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and Isle of Axholme ,following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The close parallel Project design across the Humberhead Levels and the Isle of Axholme will limit this effect in area the species has been recorded.
Oystercatcher (breeding)	Operation	1, 3, 8	Potential for increased predation effects from potential increased	Adoption of close-parallel and synchronised	Not significant	Moderate - surveys and desk study are ongoing; final Project

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			populations of predatory bird species.	Overhead Line design through the Humberhead Levels and Isle of Axholme as far as practicable.		design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels and the Isle of Axholme means that the proposed infrastructure will not add any significant habitat for predatory birds in these areas.
Oystercatcher (breeding) (Local)	Maintenance	1, 3, 8	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitat utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Oystercatcher (breeding) (Local)	Maintenance	1, 3, 8	Potential for incidental mortality of birds.	Control and management measures: GG01;	Not significant	High – the commitments stated and measures in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				GG05; GG06; B01; B02.		**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Oystercatcher (breeding) (Local)	Maintenance	1, 3, 8	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Oystercatcher (breeding) (Local)	Maintenance	1, 3, 8	Potential for pollution impacts on species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Peregrine falcon (breeding and non-breeding) (Local)	Construction	1, 2, 3, 4, 5, 6, 8	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11;	Significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				GG21; B01; B02; NV02.		and will be finalised for consideration in the ES. However, surveys to date demonstrate high dependence on the existing pylons within or adjacent to the draft Order Limits for nesting and perching birds.
Peregrine falcon (breeding and non-breeding) (Local)	Construction	1, 2, 3, 4, 5, 6, 8	Potential for incidental mortality of breeding and non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Peregrine falcon (breeding and non-breeding) (Local)	Construction	1, 2, 3, 4, 5, 6, 8	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, surveys to date demonstrate high dependence on the existing pylons within

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						or adjacent to the Draft Order Limits.
Peregrine falcon (breeding and non-breeding) (Local)	Construction	1, 2, 3, 4, 5, 6, 8	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Peregrine falcon (breeding and non-breeding) (Local)	Construction	1, 2, 3, 4, 5, 6, 8	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Peregrine falcon (breeding and non-breeding) (Local)	Operation	1, 2, 3, 4, 5, 6, 8	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing	Not significant	High– The close parallel design across the Yorkshire Wolds, Humberhead levels, the River Ouse and the Isle of Axholme is expected to minimise this risk. The volume of recorded flight

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				as far as practicable.		activity is relatively low and the majority of peregrine activity recorded includes active and deliberate interactions with the existing pylons, therefore collisions with the proposed infrastructure are unlikely.
Peregrine falcon (breeding and non-breeding) (Local)	Operation	1, 2, 3, 4, 5, 6, 8	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	High– The close parallel design across the Yorkshire Wolds, Humberhead levels, the River Ouse and the Isle of Axholme is expected to minimise this risk. The volume of recorded flight activity is relatively low and the majority of peregrine activity recorded includes active and deliberate interactions with the existing pylons, therefore significant fragmentation of habitat arising from the additional

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						infrastructure is unlikely.
Peregrine falcon (breeding and non-breeding) (Local)	Operation	1, 2, 3, 4, 5, 6, 8	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	High –The proximity of the proposed Overhead Line and pylons to the existing ones across the Yorkshire Wolds, Humberhead Levels, the River Ouse and the isle of Axholme means that the proposed infrastructure will not add any significant habitat for predatory birds here. Furthermore, peregrines have few avian predators in the UK.
Peregrine falcon (breeding and non-breeding) (Local)	Operation	1, 2, 3, 4, 5, 6, 8	Potential for habitat gains for nesting birds through the introduction of pylons.	None	Not significant	Moderate - the proximity of the proposed Overhead Line and pylons to the existing ones across the Yorkshire Wolds, Humberhead Levels, the River Ouse and the Isle of Axholme means that

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						the proposed infrastructure will not add any significant habitat for nesting peregrine in these areas that does not already exist. However, habitat gains may be made elsewhere in sections of the Project that are not close parallel with existing infrastructure (acknowledging the potentially widespread occurrence of this species).
Peregrine falcon (breeding and non-breeding) (Local)	Maintenance	1, 2, 3, 4, 5, 6, 8	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Peregrine falcon (breeding	Maintenance	1, 2, 3, 4, 5, 6, 8	Potential for incidental mortality of birds.	Control and management measures: GG01;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
and non-breeding) (Local)				GG05; GG06; B01; B02.		**Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Peregrine falcon (breeding and non-breeding) (Local)	Maintenance	1, 2, 3, 4, 5, 6, 8	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Peregrine falcon (breeding and non-breeding) (Local)	Maintenance	1, 2, 3, 4, 5, 6, 8	Potential for pollution impacts on species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Pink-footed goose (non-breeding) (Local)	Construction	2, 3, 4, 5, 6, 7, 8, 9, 10	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11;	Significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				GG21; B01; B02; NV02.		for consideration in the ES. However, distribution and high numbers of birds utilising habitats adjacent to the draft Order Limits suggest potential for significant effects across the Humberhead Levels and especially between Blacktooth Sands and Luddington.
Pink-footed goose (non-breeding) (Local)	Construction	2, 3, 4, 5, 6, 7, 8, 9, 10	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Pink-footed goose (non-breeding) (Local)	Construction	2, 3, 4, 5, 6, 7, 8, 9, 10	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Significant	Low – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** may not be sufficient to avoid this effect, as pink-footed geese can be highly

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						sensitive to visual and noise disturbance. Further consideration of this potential effect will be required in the ES upon completion of all baseline gathering activities.
Pink-footed goose (non-breeding) (Local)	Construction	2, 3, 4, 5, 6, 7, 8, 9, 10	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Pink-footed goose (non-breeding) (Local)	Construction	2, 3, 4, 5, 6, 7, 8, 9, 10	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Pink-footed goose (non-breeding)	Operation	2, 3, 4, 5, 6, 7, 8, 9, 10	Potential for collision mortality of non-breeding	Adoption of close-parallel and synchronised	Significant	Moderate - Large volumes of flight activity have been

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			birds due to permanent structures/barriers.	Overhead Line design through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable; Control and management measures: GG01.		recorded for this species, however the close parallel Project design across the Yorkshire Wolds, Humberhead Levels, the River Ouse and the Isle of Axholme will reduce this effect. Surveys and desk study are ongoing and the final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Pink-footed goose (non-breeding) (Local)	Operation	2, 3, 4, 5, 6, 7, 8, 9, 10	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a	Significant	Moderate – pink-footed geese have been recorded making flights to and from feeding areas on both sides of the existing Overhead Line and making flights parallel to the existing Overhead Line south of the River Ouse, indicating a high degree of adaptation

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				discrete new barrier as far as practicable; Control and management measures: GG01.		by this species to the existing infrastructure. However, there remains an as-yet unquantified risk of habitat fragmentation affecting this species. Desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Pink-footed goose (non-breeding) (Local)	Operation	2, 3, 4, 5, 6, 7, 8, 9, 10	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	High – pink-footed geese have few avian predators in the UK.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Pink-footed goose (non-breeding) (Local)	Maintenance	2, 3, 4, 5, 6, 7, 8, 9, 10	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Pink-footed goose (non-breeding) (Local)	Maintenance	2, 3, 4, 5, 6, 7, 8, 9, 10	Potential for incidental mortality of birds.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Pink-footed goose (non-breeding) (Local)	Maintenance	2, 3, 4, 5, 6, 7, 8, 9, 10	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Pochard (non-breeding)	Operation	3	Potential for collision mortality non-breeding	Adoption of close-parallel and synchronised	Not significant	Moderate - surveys and desk study are ongoing; final Project

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)			birds due to permanent structures/barriers.	Overhead Line design through the Humberhead Levels as far as practicable.		design and mitigation package is still in development and will be finalised for consideration in the ES. The volume of recorded flight activity is so low as to be negligible, therefore there is a very low potential for significant effects when the close parallel design is taken into account for the Humberhead Levels.
Pochard (non-breeding) (Local)	Operation	3	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The proposed infrastructure is not anticipated to create a significant barrier to

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						the dispersal of this species given its limited occurrence to date within and adjacent to the Project, and the close parallel design of the proposed infrastructure.
Pochard (non-breeding) (Local)	Operation	3	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, at the River Ouse crossing as far as practicable.	Not significant	High - the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels and at the River Ouse Crossing means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Quail (breeding) (District)	Construction	4, 8	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						for consideration in the ES.
Quail (breeding) (District)	Construction	4, 8	Potential for incidental mortality of breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Quail (breeding) (District)	Construction	4, 8	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Quail (breeding) (District)	Construction	4, 8	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Quail (breeding) (District)	Construction	4, 8	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Construction Practice CoCP are adequate to avoid this effect.
Quail (breeding) (District)	Operation	4, 8	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and Isle of Axholme, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate – the proposed infrastructure will be in close parallel with existing infrastructure across the Humberhead Levels and Isle of Axholme, therefore fragmentation of habitat for this species is not expected to be significant. However, surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Quail (breeding) (District)	Operation	4, 8	Potential for increased predation effects from potential increased	Adoption of close-parallel and synchronised Overhead Line	Not significant	High - the proximity of the proposed Overhead Line and pylons to the existing

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			populations of predatory bird species.	design through the Humberhead Levels and Isle of Axholme as far as practicable.		ones across the Humberhead Levels and Isle of Axholme means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Quail (breeding) (District)	Maintenance	4, 8	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Quail (breeding) (District)	Maintenance	4, 8	Potential for incidental mortality of birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Quail (breeding) (District)	Maintenance	4, 8	Potential for disturbance to protected or notable bird species from	Control and management measures: GG01;	Not significant	High – the commitments stated and measures in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			noise/vibration, visual and lighting.	GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02		**Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Quail (breeding) (District)	Maintenance	4, 8	Potential for pollution impacts on species	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Redshank (flight activity only) (Local)	Operation	3, 4	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	Moderate – very low volume of flight activity recorded for this species, all of which was restricted to the Humberhead levels and the River Ouse crossing where a close parallel design has been adopted. However, desk study and surveys are ongoing; final Project design and mitigation package is still in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						development and will be finalised for consideration in the ES.
Redshank (flight activity only) (Local)	Operation	3, 4	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate – there were very few recorded occurrences of redshank away from designated sites and wetlands, therefore the effects of this impact pathway are expected to be very limited for this species. However, desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Redshank (flight activity only) (Local)	Operation	3, 4	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels	Not significant	High - the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				and at the River Ouse crossing as far as practicable.		and at the River Ouse Crossing means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Red kite (flight activity only) (District)	Operation	2, 3, 4, 8	Potential for collision mortality of breeding and non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The volume of recorded flight activity is so low as to be negligible, therefore significant effects are not expected for this species.
Red kite (flight activity only) (District)	Operation	2, 3, 4, 8	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Yorkshire Wolds,	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Humberhead Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.		be finalised for consideration in the ES.
Red kite (flight activity only) (District)	Operation	2, 3, 4, 8	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	High - the proximity of the proposed Overhead Line and pylons to the existing ones across the Yorkshire Wolds, Humberhead Levels, Isle of Axholme and at the River Ouse Crossing means that the proposed infrastructure will not add any significant habitat for predatory birds here. While red kite chicks can be vulnerable to predation from corvids and other birds of prey, adult red kites have no

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						natural avian predators in the UK, so the risk of predation for this species can be regarded as minimal when considered alongside the mitigation stated.
Ruff (non-breeding) (District)	Construction	4	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Ruff (non-breeding) (District)	Construction	4	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Ruff (non-breeding) (District)	Construction	4	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						adequate to avoid this effect.
Ruff (non-breeding) (District)	Construction	4	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Ruff (non-breeding) (District)	Construction	4	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Ruff (non-breeding) (District)	Operation	4	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design at the River Ouse crossing as far as practicable.	Not significant	Moderate – no flights have been recorded for this species, however it was recorded engaging in habitat use close to the River Ouse therefore collision risk cannot be ruled out for this species.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						However this species tends to make flights at low altitude and is relatively manoeuvrable, therefore the risk of collision is considered to be low Surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Ruff (non-breeding) (District)	Operation	4	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate – the observed occurrence of this species suggests that it occurs infrequently across the Project, occurring mainly (but infrequently) close to the River Ouse. The effects of habitat fragmentation are therefore expected to be minimal for this species.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						However, surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Ruff (non-breeding) (District)	Operation	4	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design at the River Ouse crossing as far as practicable.	Not significant	High - the proximity of the proposed Overhead Line and pylons to the existing ones at the River Ouse Crossing means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Ruff (non-breeding) (District)	Maintenance	4	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Ruff (non-breeding) (District)	Maintenance	4	Potential for incidental mortality of birds.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Ruff (non-breeding) (District)	Maintenance	4	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Shelduck (non-breeding) (Local)	Construction	3, 4, 5	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Shelduck (non-breeding)	Construction	3, 4, 5	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01;	Not significant	High – proposed mitigation package and Project design

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
(Local)				GG05; GG06; B01; B02.		avoid direct effects on the species.
Shelduck (non-breeding) (Local)	Construction	3, 4, 5	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Shelduck (non-breeding) (Local)	Construction	3, 4, 5	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Shelduck (non-breeding) (Local)	Construction	3, 4, 5	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Shelduck (non-breeding) (Local)	Operation	3, 4, 5	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through Humberhead Levels and at the River Ouse crossing as far as practicable; GG01.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. The volume of recorded flight activity is relatively low for this species and restricted to the Humberhead levels and River Ouse, where the close parallel design is likely to minimise collision risk for this species.
Shelduck (non-breeding) (Local)	Operation	3, 4, 5	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				introducing a discrete new barrier as far as practicable; Control and management measures: GG01.		However, the close parallel Project design across the Humberhead Levels and the River Ouse are likely to be adequate to minimise this effect.
Shelduck (non-breeding) (Local)	Operation	3, 4, 5	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	High - the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels and at the River Ouse Crossing means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Shelduck (non-breeding) (Local)	Maintenance	3, 4, 5	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Shelduck (non-breeding) (Local)	Maintenance	3, 4, 5	Potential for incidental mortality of birds.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Shelduck (non-breeding) (Local)	Maintenance	3, 4, 5	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Snipe (flight activity only) (Local)	Operation	3, 4	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design across the Humberhead levels and the River Ouse is

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						expected to minimise this risk.
Snipe (flight activity only) (Local)	Operation	3, 4	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the, Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design across the Humberhead levels and the River Ouse is expected to minimise this risk.
Snipe (flight activity only) (Local)	Operation	3, 4	Predation	Adoption of close-parallel and synchronised Overhead Line design through the, Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	Moderate - surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Humberhead Levels and River Ouse means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Teal (non-breeding) (Local)	Construction	3, 4, 8	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Teal (non-breeding) (Local)	Construction	3, 4, 8	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Teal (non-breeding) (Local)	Construction	3, 4, 8	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						adequate to avoid this effect.
Teal (non-breeding) (Local)	Construction	3, 4, 8	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Teal (non-breeding) (Local)	Construction	3, 4, 8	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Teal (non-breeding) (Local)	Operation	3, 4, 8	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				as far as practicable; Control and management measures: GG01.		across the Humberhead levels, the River Ouse and the Isle of Axholme is expected to minimise this risk.
Teal (non-breeding) (Local)	Operation	3, 4, 8	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable; Control and management measures: GG01.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design across the Humberhead levels, the River Ouse and the Isle of Axholme is expected to minimise this risk.
Teal (non-breeding) (Local)	Operation	3, 4, 8	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.		be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels, the River Ouse and the isle of Axholme means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Teal (non-breeding) (Local)	Maintenance	3, 4, 8	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by this species.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Teal (non-breeding) (Local)	Maintenance	3, 4, 8	Potential for incidental mortality of birds.	Control and management measures: GG01; GG03; GG04; GG05; GG06;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				GG11; GG21; NV01; NV02		**Construction Practice CoCP** are adequate to avoid this effect.
Teal (non-breeding) (Local)	Maintenance	3, 4, 8	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Turtle Dove (breeding) (District)	Construction	8	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, surveys to date demonstrate known breeding habitat is within or adjacent to the draft Order Limits for nesting and perching birds.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Turtle Dove (breeding) (District)	Construction	8	Potential for incidental mortality of breeding birds	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Turtle Dove (breeding) (District)	Construction	8	Potential for disturbance to species from noise/vibration, visual and lighting	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES.
Turtle Dove (breeding) (District)	Operation	8	Potential for collision mortality on breeding birds due to permanent structures/barriers	None	Not significant	The volume of recorded flight activity is so low as to be negligible, therefore significant effects are not expected for this species.
Turtle Dove (breeding) (District)	Operation	8	Potential for effects on protected and notable species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Significant	Moderate – desk study and surveys are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						the ES. However, surveys to date demonstrate known breeding habitat is within or adjacent to the draft Order Limits for nesting and perching birds.
Turtle Dove (breeding) (District)	Operation	8	Potential for increased predation effects from potential increased populations of predatory birds species	None	Not significant	Moderate - desk study and surveys are ongoing but to date few records of turtle dove avian predators have been recorded during all of the combined survey effort carried out close to the recorded location of this species.
Turtle Dove (breeding) (District)	Maintenance	8	Potential for temporary direct habitat loss and temporary disturbance and fragmentation of habitat used by species	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Turtle Dove (breeding) (District)	Maintenance	8	Potential for incidental mortality of birds	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Turtle Dove (breeding) (District)	Maintenance	8	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Wigeon (non-breeding, flight activity only) (Local)	Operation	3, 4, 5,	Potential for collision mortality non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design across the Humberhead levels and the River Ouse is

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						expected to minimise this risk.
Wigeon (non-breeding, flight activity only) (Local)	Operation	3, 4, 5,	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design across the Humberhead levels and the River Ouse is expected to minimise this risk.
Wigeon (non-breeding, flight activity only) (Local)	Operation	3, 4, 5,	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels and at the River Ouse crossing as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						Humberhead Levels and the River Ouse means that the proposed infrastructure will not add any significant habitat for predatory birds here.
Whooper swan (non-breeding) (Local)	Construction	3, 4, 5, 7, 8, 10	Potential for permanent and temporary direct habitat loss and temporary disturbance and fragmentation of habitats utilised by species.	Control and management measures: GG01; GG03, GG04; GG05; GG06; GG09; GG11; GG21; B01; B02; NV02.	Not significant	Moderate – desk study and surveys are ongoing; final project design and mitigation package is still in development and will be finalised for consideration in the ES.
Whooper swan (non-breeding) (Local)	Construction	3, 4, 5, 7, 8, 10	Potential for incidental mortality of non-breeding birds.	Control and management measures: GG01; GG05; GG06; B01; B02.	Not significant	High – proposed mitigation package and Project design avoid direct effects on the species.
Whooper swan (non-breeding) (Local)	Construction	3, 4, 5, 7, 8, 10	Potential for disturbance to species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11, GG21; NV02.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
						adequate to avoid this effect.
Whooper swan (non-breeding) (Local)	Construction	3, 4, 5, 7, 8, 10	Potential for pollution impacts affecting species.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Whooper swan (non-breeding) (Local)	Construction	3, 4, 5, 7, 8, 10	Loss / reduction in habitat quality for birds from changes in groundwater levels.	Control and management measures: GG01; GG16; GG17; B01,B02, B03,.	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Whooper swan (non-breeding) (Local)	Operation	3, 4, 5, 7, 8, 10	Potential for collision mortality of non-breeding birds due to permanent structures/barriers.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel design

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
				as far as practicable.		across the Humberhead levels, the River Ouse and the Isle of Axholme is expected to minimise this risk, and the volume of flight activity recorded to date has been low, with the proportion of recorded flights at risk of collision being less than 25%.
Whooper swan (non-breeding) (Local)	Operation	3, 4, 5, 7, 8, 10	Potential for effects on species via habitat fragmentation as a result of the Proposed Overhead Line creating a barrier to species dispersal.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing, following an existing barrier rather than introducing a discrete new barrier as far as practicable.	Not significant	Moderate – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the close parallel Project design across the Humberhead Levels, the River Ouse Crossing and the Isle of Axholme are likely to be adequate to avoid this effect.

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
Whooper swan (non-breeding) (Local)	Operation	3, 4, 5, 7, 8, 10	Potential for increased predation effects from potential increased populations of predatory bird species.	Adoption of close-parallel and synchronised Overhead Line design through the Humberhead Levels, Isle of Axholme and at the River Ouse crossing as far as practicable.	Not significant	High – surveys and desk study are ongoing; final Project design and mitigation package is still in development and will be finalised for consideration in the ES. However, the proximity of the proposed Overhead Line and pylons to the existing ones across the Humberhead Levels, the River Ouse and the Isle of Axholme means that the proposed infrastructure will not add any significant habitat for predatory birds here. Furthermore, whooper swans have few avian predators in the UK.
Whooper swan (non-breeding) (Local)	Maintenance	3, 4, 5, 7, 8, 10	Potential for temporary direct habitat loss and temporary disturbance and	Control and management measures: GG01;	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft**

Receptor	Project stage	Relevant Route Section(s)	Potential effect	Mitigation	Preliminary significance of effect	Confidence in prediction
			fragmentation of habitats utilised by this species.	GG05; GG06; B01; B02.		**Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Whooper swan (non-breeding) (Local)	Maintenance	3, 4, 5, 7, 8, 10	Potential for incidental mortality of birds.	Control and management measures: GG01; GG03; GG04; GG05; GG06; GG11; GG21; NV01; NV02	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.
Whooper swan (non-breeding) (Local)	Maintenance	3, 4, 5, 7, 8, 10	Potential for disturbance to protected or notable bird species from noise/vibration, visual and lighting.	Control and management measures: GG01; GG04; GG05; GG06; GG11; GG15; GG16; GG17; GG19; W02; AQ04; AQ13; AQ14; AQ15; AQ16; AQ19	Not significant	High – the commitments stated and measures in **Appendix 4.1 Draft Outline Code of Construction Practice CoCP** are adequate to avoid this effect.

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