EAST PARK ENERGY

East Park Energy

EN010141

Environmental Statement
Volume 2 – Technical Appendices

Appendix 7-3: Wintering Bird Survey Report

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Appendix 7-3: Wintering Bird Survey Report

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1.0 INTRODUCTION

1.1 Project Background

1.1.1 This appendix has been prepared to accompany **ES Vol 1 Chapter 7: Ecology and Nature Conservation [EN010141/DR/6.1]** of the Environmental Statement (ES) for the East Park Energy project (the 'Scheme'), and presents methodology and results of non-breeding bird surveys undertaken in relation to the Scheme.

1.1.2 The report aims to provide an estimate of the baseline value of the Site and adjacent habitats for supporting a wintering bird assemblage

1.1.3 Common names are used throughout, with scientific names presented in Annex 1.

2.0 METHODOLOGY

2.1 Field Survey

2.1.1 The survey area comprised of the habitats within the Site, and 'Wider Survey Area' defined as the surrounding fields within a buffer of 600m, as shown in **ES Vol 3 Figure 7-5 [EN010141/DR/6.3]**.

2.1.2 Each field was numbered, with fields within the Site presented in Table 2.1 and shown on **ES Vol 3 Figure 7-5 [EN010141/DR/6.3]**.

Table 2.1: Fields within the Site

Fields within Site
7, 9, 10, 11, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39, 45, 46, 47, 49, 50, 51, 52, 53, 59, 60, 63, 278, 282, 283, 284, 285, 286, 311, 312, 320, 321, 322, 323, 324, 325, 326, 329

2.1.3 Target Species, consisted of wetland birds such as waders, waterfowl and gulls and Annex 1/Schedule 1 raptors. Records were also made of Secondary Species, which consisted of non-Annex 1/Schedule 1 raptors, notable flocks of non-wetland species, Birds of Conservation Concern (BoCC Amber and Red List species (Eaton *et al.* 2015))[1] and Cambridgeshire and Peterborough Local Biodiversity Action Plan[2] (LBAP) species, including Cambridgeshire and Peterborough Additional Species of Interest (CPASI). Bedfordshire and Luton Local Biodiversity Action Plan[3] was not included as it contains no listed bird species.

[1] Stanbury, A., Eaton, M., Aebischer, N., Balmer, D., Brown, A., Douse, A., Lindley, P., McCulloch, N., Noble, D., and Win I. (2021) *The status of our bird populations: the fifth Birds of Conservation Concern in the United Kingdom, Channel Islands and Isle of Man and second IUCN Red List assessment of extinction risk for Great Britain*. British Birds 114: 723-747. Available online at https://britishbirds.co.uk/content/status-our-bird-populations [accessed 17/08/2022]

[2] https://www.cperc.org.uk/information.php *(Accessed: 19th August 2025)*

[3] https://www.bedscape.org.uk/BRMC/newsite/index.php?c=bedslife_bap *(Accessed: 8th July 2025)*

2.1.4 Fields appraised as potentially suitable for Target Species were arable fields. Habitats such as woodland and scrubland are considered unsuitable for Target Species and thus were omitted from the survey. Waterbodies and ditches were included in the survey area given their suitability to support Target Species.

2.1.5 During the 2021/22 surveys, due to the size of the Site, it was split into three survey areas. A total of five visits were completed at each survey area. During the 2023/24 surveys, the Site was split into four survey areas, due to an additional area to the east being added to the Site.

2.1.6 Each survey comprised a 'walk-over' surveys adopting the 'look-see' methodology (Gilbert *et al.* 1998[4]), observing each field using public rights of way (PRoWs) and roads and where possible, walking the boundaries and stopping at intervals and scanning the fields for Target Species, with binoculars. All Target Species heard or seen were recorded onto base maps. The number of Secondary Species was tallied during the survey, although no attempt to map these species was made.

2.1.7 All surveys were undertaken during daylight hours in weather conditions conducive for bird surveys.

2.1.8 Field surveys were undertaken by Simon Nichols (SN), Rob Hill (RH) and Steve Blain (SB), all of whom are experienced ornithologists.

2.1.9 Winter walk-over survey effort is presented in Table 2.2 and Table 2.3, and full survey details are presented in Annex 1.

[4] *Gilbert G, Gibbons D.W. and Evans J. (1998) Bird Monitoring Methods. RSPB Sandy.*

Table 2.2: Winter walk-over survey effort Nov 2021 – Mar 2022

Month	Survey Area	Date	Surveyor	Start Time (24hr)	End Time (24hr)	Survey Conditions
November	1	24/11/2021	SN	07:30	12:35	Light westerly winds; overcast with low cloud and good visibility
	2	27/11/2021	SN	07:45	13:45	Moderate northerly winds; overcast with some rain and good visibility.
	3	26/11/2021	SN	07:45	12:15	Moderate south-westerly winds; overcast with low cloud and good visibility.
December	1	20/12/2021	SN	07:50	12:20	Light north-easterly winds; overcast with good visibility
	2	21/12/2021	SN	11:00	16:30	Light northerly winds; overcast with good visibility
	3	19/12/2021	SN	08:00	13:45	Still with low cloud and moderate visibility
January	1	16/01/2022	SN	12:30	16:45	Light westerly winds; overcast with good visibility
	2	17/01/2022	SN	08:00	12:40	Still with no cloud and good visibility
	3	09/01/2022	SN	08:00	12:55	Light south-easterly winds; no cloud and good visibility but some snow and frost on the ground
February	1	20/02/2022	SN	10:00	14:20	Moderate northerly winds; overcast with good visibility
	2	28/02/2022	SN	07:50	11:40	Light southerly winds; light cloud cover with good visibility
	3	19/02/2022	SN	07:50	12:50	Light south-westerly winds; clear skies with good visibility
March	1	20/03/2022	SN	11:50	15:25	Light north-easterly wind; light cloud and good visibility
	2	21/03/2022	SN	8:30	13:20	Light southerly winds; no cloud and good visibility

Month	Survey Area	Date	Surveyor	Start Time (24hr)	End Time (24hr)	Survey Conditions
	3	19/03/2022	SN	07:00	11:55	Light north-easterly winds; no cloud and good visibility

Table 2.3: Winter walk-over survey effort Nov 2023 – Mar 2024

Month	Survey Area	Date	Surveyor	Start Time (24hr)	End Time (24hr)	Survey Conditions
November	1	23/11/2023 24/11/2023	SN	07:20 07:10	10:35 10:10	Light to moderate westerly breeze; overcast and good visibility. Light to moderate north-westerly breeze; overcast and good visibility.
	2	28/11/2023 29/11/2023	RH	07:15 07:15	11:05 11:15	Light north-westerly winds with good visibility. Light north-easterly winds with good visibility. Frost on ground throughout.
	3	28/11/2023	SB	07:15	10:15	Light north-westerly winds; no cloud and good visibility.
	4	21/11/2023	RH	07:15	10:45	Moderate north-westerly breeze; overcast with good to moderate visibility.
December	1	15/12/2023 16/12/2023	SN	07:45 07:50	10:55 10:56	Light westerly winds; overcast and good visibility. Light to moderate west-north-westerly breeze; overcast and good visibility.
	2	15/12/2023 18/12/2023	RH	07:40 07:45	11:15 11:50	Light to moderate westerly breeze; overcast with good visibility.

Month	Survey Area	Date	Surveyor	Start Time (24hr)	End Time (24hr)	Survey Conditions
						Gusty south-westerly winds; rain showers, overcast with good visibility.
	3	20/12/2023	SB	07:45	10:28	Moderate westerly breeze; partial cloud cover and good visibility.
	4	11/12/2023	RH	07:35	11:05	Gusty westerly winds; partial cloud cover and good visibility.
January	1	15/01/2024 16/01/2024	SN	07:40 07:40	11:10 10:36	Light north-westerly breeze; clear skies and good visibility. Frost on the ground.
	2	15/01/2024 16/01/2024	RH RH	07:50 07:45	11:25 11:45	Fresh north-westerly breeze; partial cloud cover and good visibility. Fresh north-westerly breeze; no cloud and good visibility.
	3	24/01/2024	SB	07:45	10:15	Fresh westerly breeze; partial cloud cover and good visibility.
	4	17/01/2024	RH	07:50	11:05	Light north-westerly air; majority cloud cover and good visibility.
February	1	19/02/2024 22/02/2024	SN	07:10 07:05	10:50 09:55	Light south-westerly breeze; overcast and good visibility. Light south-westerly air; overcast and good visibility.
	2	27/02/2024 28/02/2024	RH	06:55 07:00	10:40 11:40	Light westerly air; partial cloud cover and moderate visibility due to fog until 07:30. Light southerly air; partial cloud cover and moderate to good visibility due to thick fog until 09:45.
	3	27/02/2024	SB	06:50	09:15	Still to light south-westerly air; partial cloud cover and good visibility.

Month	Survey Area	Date	Surveyor	Start Time (24hr)	End Time (24hr)	Survey Conditions
	4	16/02/2024	RH	07:15	10:40	Fresh westerly breeze; partial cloud cover and good visibility.
March	1	16/03/2024	SN	06:30	09:30	Fresh south-westerly breeze; low cloud cover and good visibility.
	2	19/03/2024 20/03/2024	RH	06:05 06:00	09:35 09:55	Strong south-westerly breeze; overcast and moderate to good visibility. Light south-westerly breeze; overcast and moderate to good visibility.
	3	19/03/2024	SB	05:50	08:30	Strong south-westerly breeze; overcast and moderate visibility.
	4	14/03/2024	RH	06:25	09:45	Fresh south-westerly breeze; overcast and moderate to good visibility.

Limitations

2.1.10 The surveys missed the October passage season during both the 2021/22 and 2023/24 surveys.

2.1.11 It is considered that sufficient data was gathered to allow a robust assessment of value of the site to wintering birds.

2.1.12 It is appreciated that factors, including cropping regime/ land use and disturbance will influence habitat use within the survey area by Target Species. It is an assumption that the cropping regime/ land use during the survey period is typical. No significant disturbance events were recorded during the surveys (with the exception of usual events such as agricultural work, traffic and pedestrians along roads/ PRoWs and as such are not considered significant in terms of having an influence on the Target Species

when regarding the survey period in its entirety and as such are not considered further in this assessment.

2.1.13 Updates to the Order Limits resulted in some fields included within the Site during the 2021/22 surveys now being present within the Wider Survey Area, these fields comprised fields 1 – 6, 8, 38, 40 – 44, 54, 57. Additionally, two fields (55 and 56) were excluded from the Wider Survey Area completely as they no longer sit within 600m of the Site.

2.1.14 Updates to the Order Limits included an additional area to the east. This was not part of the Site during the 2021/22 surveys and as a result was not included in the survey effort.

3.0 RESULTS

3.1 Wintering Bird Surveys

2021-2022 Surveys

3.1.1 During the 2021-22 wintering bird surveys seven Target Species were observed within the Site. These comprised red kite, lapwing, golden plover, black-headed gull, common gull, lesser black-backed gull and herring gull; the majority of which were in low numbers and sporadically present. Target Species were observed within 26 fields within the Site; with no field supporting no more than three species.

3.1.2 Habitats in the Wider Survey Area, supported typically low numbers of Target Species (red kite, mallard, black-headed gull, common gull, lesser black-backed gull, herring gull and golden plover). Target Species were observed within 22 fields within the Site; with no field supporting no more than three species.

3.1.3 Secondary species recorded within the Site consisted of skylark, yellowhammer, stock dove, woodpigeon, fieldfare, redwing, starling and linnet. Similar species were recorded in the Wider Survey Area; comprising kestrel, sparrowhawk, tawny owl, redwing, fieldfare, skylark, stock dove, woodpigeon, starling, linnet, yellowhammer and rook.

3.1.4 Details of target and secondary species recorded within the Site are presented in Table 3.1 with target and secondary species recorded in the wider survey area presented in Table 3.2. Detailed locations of the Target Species are presented in **ES Vol 3 Figure 7-5 [EN010141/DR/6.3]**.

Table 3.1: 2021-2022 Wintering Bird Survey Results – the Site

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
Target Species (Number of birds)							
7	Red kite	(1)	-	-	-	-	NT; Green; Sch1.1; Ann1
	Black-headed gull	-	(10)	-	(1)	-	Amber
10	Red kite	(1)	-	-	-	-	NT; Green; Sch1.1; Ann1
	Common gull	-	(4)	-	-	-	Amber
11	Lapwing	-	-	(8)	-	-	NT; Red; Sec41
	Herring gull	-	-	-	(1)	-	Red; Sec41
13	Black-headed gull	-	-	(12)	-	-	Amber
14	Common gull	60	(9)	(2)	-	-	Amber
	Black-headed gull	40	(1)	-	-	-	Amber
	Lesser black-backed gull	-	(1)	-	-	-	Amber
17	Black-headed gull	(2)	1	-	16	-	Amber
	Red kite	(1)	-	-	-	-	NT; Green; Sch1.1; Ann1
18	Black-headed gull	-	(9)	-	14	-	Amber
	Common gull	-	(11)	-	-	-	Amber
	Herring gull	-	(1)	-	-	-	Red; Sec41
19	Red kite	(1)	-	-	-	-	NT; Green; Sch1.1; Ann1
	Lesser black-backed gull	-	-	(7)	(20)	-	Amber
	Common gull	-	-	-	(8)	(6)	Amber
20	Lesser black-backed gull	-	-	-	(2)	-	Amber
22	Black-headed gull	-	-	1	-	-	Amber
23	Common gull	48	(1)	(1)	(1)	31	Amber
	Black-headed gull	12	(1)	(1)	-	-	Amber
	Herring gull	-	-	(1)	-	-	Red; Sec41
24	Lesser black-backed gull	(1)	-	-	-	-	Amber

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
	Common gull	-	-	32	-	-	Amber
25	Red kite	(1)	-	-	-	-	NT; Green; Sch1.1; Ann1
26	Common gull	-	-	62	-	-	Amber
29	Herring gull	(1)	-	-	-	-	Red; Sec41
	Common gull	-	22	(5)	-	-	Amber
30	Golden plover	(16)	-	-	-	-	Green; Ann1
31	Common gull	-	-	(1)	-	-	Amber
32	Lesser black-backed gull	-	-	(1)	-	-	Amber
	Common gull	-	-	-	-	(2)	Amber
34	Common gull	-	10	82	-		Amber
	Black-headed gull	-	-	17	-		Amber
	Lapwing	-	-	(2)	-		NT; Red; Sec41
35	Red kite	(1)	-	-	-		NT; Green; Sch1.1; Ann1
39	Common gull	10	21	-	-		Amber
	Black-headed gull	22	(18)	(1)	-		Amber
	Lesser black-backed gull	-	-	(1)	-		Amber
45	Red kite	1	-	-	-		NT; Green; Sch1.1; Ann1
	Common gull	-	-	7	-		Amber
49	Lesser black-backed gull	-	(1)	-	-		Amber
50	Common gull	(1)	-	-	-		Amber
	Mallard	2	-	-	-		Amber
	Herring gull	-	(1)	-	-		Red; Sec41
53	Black-headed gull	(9)	-	-	-		Amber
Secondary Species (Number of birds)							
11	Skylark	190	-	48	-	-	Red; Sec41
	Yellowhammer	-	54	-	-	-	Red; Sec41
	Stock dove	-	78	-	-	-	Amber
	Starling	-	-	400	-	-	Red; Sec41
	Fieldfare	-	-	80	-	-	Red; Sch1.1
13	Skylark	-	-	-	71	-	Red; Sec41
14	Stock dove	62	86	46	-	-	Amber

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
	Starling	250	-	150	-	-	Red; Sec41
	Fieldfare	-	-	125	-	-	Red; Sch1.1
15	Starling	(132)	-	-	-	-	Red; Sec41
18	Starling	-	-	(46)	-	-	Red; Sec41
19	Woodpigeon	-	-	(96)	-	-	Amber
	Redwing	-	-	(146)	120	-	Red; Sch1.1
20	Redwing	-	-	(72)	-	-	Red; Sch1.1
21	Yellowhammer	-	52	-	-	-	Red; Sec41
	Woodpigeon	-	-	72	-	-	Amber
22	Linnet	-	-	-	207	-	Red; Sec41
	Yellowhammer	-	-	-	-	(82)	Red; Sec41
24	Woodpigeon	-	-	-	(1700)	-	Amber
25	Yellowhammer	-	(127)	250	120	-	Red; Sec41
	Redwing	-	-	118	-	-	Red; Sch1.1
	Fieldfare	-	-	93	-	-	Red; Sch1.1
	Starling	-	-	400	-	-	Red; Sec41
26	Yellowhammer	140	(158)	-	-	-	Red; Sec41
	Starling	-	-	271	-	52	Red; Sec41
	Woodpigeon	-	-	(136)	-	-	Amber
33	Fieldfare	-	-	60	-	-	Red; Sch1.1
34	Starling	-	-	53	-	-	Red; Sec41
35	Starling	430	350	117	-	-	Red; Sec41
	Stock dove	-	48	-	-	-	Amber
	Skylark	-	-	56	-	--	Red; Sec41
	Fieldfare	-	-	-	(262)	-	Red; Sch1.1
37	Starling	-	-	-	320	-	Red; Sec41
	Fieldfare	-	-	-	50	-	Red; Sch1.1
47	Woodpigeon	-	-	-	-	(500)	Amber
49	Starling	-	(112)	-	-	-	Red; Sec41
	Linnet	-	(68)	-	-	-	Red; Sec41
50	Stock dove	-	-	-	(86)	(250)	Amber
	Fieldfare	-	-	-	160	-	Red; Sch1.1

Target species are highlighted in bold.

'-' means that the species was not recorded during that visit.

Observations in brackets refer to birds recorded only in flight.

Conservation Status

EX/CR/EN/VU/NT – Extinct, Critically Endangered, Endangered, Vulnerable or Near Threatened on the Global IUCN Red List of Threatened Species

Red/Amber/Green – Species status as listed on the Birds of Conservation Concern 5 lists

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
Sch1.1/1.1A/A1/1.2 – Schedule 1 part 1, 1 part 1A, A1 or 1 part 2 of the Wildlife and Countryside Act 1981 (as amended) Sec41 – Section 41 of the Natural Environment and Rural Communities Act 2006 (Species of principal importance for conserving biodiversity in England) Ann1 – Listed on Annex I of The Birds Directive LBAP – Cambridgeshire Local Biodiversity Action Plan species							

Table 3.2: 2021-2022 Wintering Bird Survey Results – Wider Survey Area

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
Target Species (Number of birds)							
1	Mallard	(3)	-	-	-	-	Amber
	Black-headed gull	(1)	-	-	(1)	-	Amber
2	Red kite	1	-	-	-	-	NT; Green; Sch1.1; Ann1
	Black-headed gull	-	-	(1)	-	-	Amber
3	Black-headed gull	-	(1)	-	-	-	Amber
4	Common gull	(2)	-	-	-	-	Amber
5	Black-headed gull	-	-	(2)	37	-	Amber
	Common gull	-	-	(1)	36	-	Amber
	Lesser black-backed gull	-	-	-	(4)	-	Amber
40	Herring gull	-	(1)	-	-	-	Red; Sec41
41	Red kite	1	-	-	-	-	NT; Green; Sch1.1; Ann1
42	Herring gull	-	(1)	-	-	-	Red; Sec41
	Common gull	-	-	(1)	-	-	Amber
	Black-headed gull	-	-	(1)	-	-	Amber
44	Golden plover	107	-	-	-	-	Green; Ann1
46	Red kite	1	-	-	-	-	NT; Green; Sch1.1; Ann1

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
	Golden plover	-	(48)	-	-	-	Green; Ann1
48	Red kite	2	-	-	-	-	NT; Green; Sch1.1; Ann1
	Common gull	40	-	-	-	(27)	Amber
	Black-headed gull	14	-	-	-	-	Amber
54	Common gull	-	-	(1)	-	-	Amber
56	Red kite	(2)	-	-	-	-	NT; Green; Sch1.1; Ann1
	Black-headed gull	(111)	-	-	-	-	Amber
57	Red kite	(1)	-	-	-	-	NT; Green; Sch1.1; Ann1
	Black-headed gull	-	(20)	-	-	-	Amber
64	Golden plover	117	-	-	-	-	Green; Ann1
	Red kite	2	-	-	-	-	NT; Green; Sch1.1; Ann1
84	Black-headed gull	-	2	-	-	-	Amber
94	Golden plover	-	-	60	-	-	Green; Ann1
110	Common gull	-	-	-	-	73	Amber
	Black-headed gull	-	-	-	-	2	Amber
164	Common gull	-	-	-	107	-	Amber
196	Common gull	-	-	-	2	-	Amber
207	Red kite	(2)	-	-	-	-	NT; Green; Sch1.1; Ann1
211	Red kite	(2)	-	-	-	-	NT; Green; Sch1.1; Ann1
Secondary Species (Number of birds)							
2	Kestrel	1	-	-	-	-	Amber
4	Woodpigeon	-	-	-	(72)	-	Amber
8	Woodpigeon	-	-	-	(83)	-	Amber
38	Starling	-	(85)	-	-	-	Red; Sec41
	Skylark	-	52	-	-	-	Red; Sec41
	Fieldfare	-	-	102	-	-	Red; Sch1.1
40	Kestrel	(1)	-	-	-	-	Amber
	Fieldfare	-	-	96	-	-	Red; Sch1.1
42	Sparrowhawk	1	-	-	-	-	Amber

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
	Stock dove	-	-	(114)	(270)	-	Amber
	Woodpigeon	-	-	(71)	-	-	Amber
	Redwing	-	-	-	51	-	Red; Sch1.1
43	Linnet	46	-	-	-	-	Red; Sec41
	Sparrowhawk	1	-	-	-	-	Amber
	Stock dove	-	(49)	-	-	-	Amber
46	Linnet	-	107	-	-	-	Red; Sec41
48	Stock dove	50	-	-	-	-	Amber
	Kestrel	(1)	-	-	-	-	Amber
	Linnet	-	(119)	-	-	-	Red; Sec41
	Starling	-	-	(120)	-	-	Red; Sec41
54	Yellowhammer	-	-	(56)	-	-	Red; Sec41
	Woodpigeon	-	-	(75)	-	-	Amber
55	Sparrowhawk	(1)	-	-	-	-	Amber
56	Yellowhammer	47	-	-	-	-	Red; Sec41
57	Linnet	114	-	-	-	-	Red; Sec41
58	Tawny owl	1	-	-	-	-	Amber
59	Kestrel	1	-	-	-	-	Amber
243	Rook	-	-	-	75	-	Amber
255	Yellowhammer	150	-	-	-	-	Red; Sec41

Target species are highlighted in bold.
'-' means that the species was not recorded during that visit.
Observations in brackets refer to birds recorded only in flight.

Conservation Status

EX/CR/EN/VU/NT – Extinct, Critically Endangered, Endangered, Vulnerable or Near Threatened on the Global IUCN Red List of Threatened Species
Red/Amber/Green – Species status as listed on the Birds of Conservation Concern 5 lists
Sch1.1/1.1A/A1/1.2 – Schedule 1 part 1, 1 part 1A, A1 or 1 part 2 of the Wildlife and Countryside Act 1981 (as amended)
Sec41 – Section 41 of the Natural Environment and Rural Communities Act 2006 (Species of principal importance for conserving biodiversity in England)
Ann1 – Listed on Annex I of The Birds Directive
LBAP – Cambridgeshire Local Biodiversity Action Plan species

2023-2024 Surveys

3.1.5 During the 2023-24 wintering bird surveys eleven Target Species were observed within the Site. These comprised lapwing, golden plover, mallard,

moorhen, black-headed gull, common gull, herring gull, lesser black-backed gull, woodcock, kingfisher and red kite; the majority of which were observed in flight over the Site only. Those recorded on the ground within the Site were predominantly in low numbers and sporadically present. Target Species were observed within 39 fields within the Site; with fields 37 and 312 both supporting the most species of four. Notable flocks of lapwing (500) and golden plover (450) were present within Field 312 during survey visit 2. Field 324 had a notable flock of black-headed gull (345) during survey visit 1.

3.1.6 Habitats in the Wider Survey Area, supported typically low numbers of Target Species (golden plover, woodcock, mallard, gadwall, greylag goose, moorhen, lapwing, little grebe, herring gull, common gull, black-headed gull, lesser black-backed gull, kingfisher, red kite and peregrine). The majority were observed in flight over the Wider Survey Area. Those recorded on the ground within the Site were predominantly in low numbers and sporadically present. Fields 310 and 344 supported the most species, with many being present during only one or two surveys.

3.1.7 Secondary species recorded within the Site consisted of buzzard, sparrowhawk, skylark, yellowhammer, woodpigeon, fieldfare, redwing, starling, corn bunting, yelllowhammer and linnet. Similar species were recorded in the Wider Survey Area; comprising buzzard, kestrel, sparrowhawk, woodpigeon, fieldfare, rook, starling, yellowhammer and linnet.

3.1.8 Details of target and secondary species recorded within the Site are presented in Table 3.3 with target and secondary species recorded in the wider survey area presented in Table 3.4. Detailed locations of the Target Species are presented in **ES Vol 3 Figure 7-5 [EN010141/DR/6.3]**.

Table 3.3: Wintering bird survey results – The Site.

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
Target Species (Number of birds)							
7	Mallard	(7)	-	-	-	-	Amber
	Golden plover	(85)	-	-	-	-	Green; Ann1
	Lapwing	-	39	-	-	-	NT; Red; Sec41
	Black-headed gull	-	(6)	-	-	-	Amber
9	Mallard	-	-	-	(2)	-	Amber
11	Red kite	(4)	-	(1)	-	-	NT; Green; Sch1.1; Ann1
	Black-headed gull	(300)	-	-	-	-	Amber
	Lesser black-backed gull	(7)	-	-	-	-	Amber
	Kingfisher	-	-	-	(1)	-	Green; Sch1.1; Ann1
13	Red kite	-	(1)	-	-	-	NT; Green; Sch1.1; Ann1
14	Herring gull	(17)	-	-	-	-	Red; Sec41
	Black-headed gull	(7)	-	-	-	-	Amber
	Red kite	-	(3)	-	-	-	NT; Green; Sch1.1; Ann1
15	Mallard	-	-	-	-	(2)	Amber
16	Red kite	-	(1)	-	-	-	NT; Green; Sch1.1; Ann1
18	Black-headed gull	5	32	-	-	-	Amber
	Red kite	-	-	-	-	(1)	NT; Green; Sch1.1; Ann1
19	Red kite	(1)	(1)	-	-	(1)	NT; Green; Sch1.1; Ann1
21	Woodcock	-	(1)	-	-	-	Red
22	Red kite	-	(1)	-	-	-	NT; Green; Sch1.1; Ann1
24	Red kite	(2)	-	(1)	-	-	NT; Green; Sch1.1; Ann1
	Lapwing	-	-	61	-	-	NT; Red; Sec41
	Woodcock	-	-	-	(1)	-	Red
25	Red kite	-	(1)	-	-	-	NT; Green; Sch1.1; Ann1

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
26	Red kite	-	(2)	-	(1)	(1)	NT; Green; Sch1.1; Ann1
	Black-headed gull	-	-	(66)	-	-	Amber
29	Black-headed gull	(3)	-	-	-	-	Amber
	Red kite	1	-	-	(1)	-	NT; Green; Sch1.1; Ann1
30	Red kite	-	-	(1)	-	-	NT; Green; Sch1.1; Ann1
32	Lesser black-backed gull	-	-	(4)	-	-	Amber
33	Red kite	(1)	-	-	1	-	NT; Green; Sch1.1; Ann1
	Common gull	-	-	-	2	-	Amber
34	Red kite	(1)	-	(1)	-	-	NT; Green; Sch1.1; Ann1
35	Woodcock	(3)	-	-	-	-	Red
	Red kite	(1)	(3)	(1)	(1)	-	NT; Green; Sch1.1; Ann1
37	Red kite	(1)	(1)	3	-	-	NT; Green; Sch1.1; Ann1
	Lapwing	-	-	150	-	-	NT; Red; Sec41
	Common gull	-	-	62	-	-	Amber
	Black-headed gull	-	-	14	-	-	Amber
39	Red kite	(1)	-	1 (2)	-	-	NT; Green; Sch1.1; Ann1
	Lapwing	-	-	(5)	-	-	NT; Red; Sec41
	Common gull	-	-	(19)	-	-	Amber
45	Herring gull	-	-	(2)	-	-	Red; Sec41
	Lesser black-backed gull	-	-	(13)	-	-	Amber
	Red kite	-	-	-	(2)	-	NT; Green; Sch1.1; Ann1
46	Red kite	(1)	-	-	-	-	NT; Green; Sch1.1; Ann1
47	Herring gull	(1)	-	-	-	-	Red; Sec41
	Red kite	-	(2)	(1)	(1)	-	NT; Green; Sch1.1; Ann1
	Golden plover	-	-	(9)	-	-	Green; Ann1
49	Black-headed gull	-	(3)	-	-	-	Amber

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
	Red kite	(1)	-	-	-	-	NT; Green; Sch1.1; Ann1
50	Red kite	-	-	(2)	-	-	NT; Green; Sch1.1; Ann1
	Common gull	-	-	2	(10)	-	Amber
51	Red kite	-	1	-	-	(1)	NT; Green; Sch1.1; Ann1
	Black-headed gull	-	-	(12)	-	-	Amber
	Common gull	-	-	(9)	-	-	Amber
53	Red kite	(1)	1	-	-	-	NT; Green; Sch1.1; Ann1
	Mallard	-	-	2	-	-	Amber
282	Mallard	-	9	-	-	1	Amber
	Common gull	-	(1)	-	-	-	Amber
	Herring gull	-	-	(1)	-	-	Red; Sec41
	Lesser black-backed gull	-	-	(4)	-	-	Amber
283	Red kite	-	(2)	-	-	-	NT; Green; Sch1.1; Ann1
	Golden plover	-	-	(12)	-	-	Green; Ann1
	Mallard	-	-	-	(4)	-	Amber
284	Red kite	-	-	-	-	(1)	NT; Green; Sch1.1; Ann1
285	Red kite	-	(1)	-	-	-	NT; Green; Sch1.1; Ann1
	Mallard	-	1	-	-	-	Amber
	Black-headed gull	-	-	(1)	-	-	Amber
311	Golden plover	-	-	(9)	-	-	Green; Ann1
312	Lapwing	41	500	-	(13)	6	NT; Red; Sec41
	Golden plover	-	450	-	10 (26)	35	Green; Ann1
	Red kite	-	(3)	-	-	-	NT; Green; Sch1.1; Ann1
	Black-headed gull	-	-	78	-	-	Amber
322	Moorhen	-	(1)	-	-	-	Amber
	Red kite	-	(1)	-	-	-	NT; Green; Sch1.1; Ann1
	Mallard	-	-	-	-	(2)	Amber

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
324	Black-headed gull	345	-	-	-	-	Amber
	Red kite	(2)	-	1	(2)	(2)	NT; Green; Sch1.1; Ann1
325	Red kite	(1)	-	-	(1)	(1)	NT; Green; Sch1.1; Ann1
	Lapwing	-	-	29	-	-	NT; Red; Sec41
326	Golden plover	-	-	(38)	-	-	Green; Ann1
Secondary Species (Number of birds)							
7	Starling	-	240	-	-	-	Red; Sec41
	Linnet	-	55	-	-	-	Red
	Sparrowhawk	(1)	-	-	-	-	Amber
	Buzzard	-	(1)	-	-	-	Green
9	Linnet	-	-	-	65	-	Red
11	Linnet	-	-	-	(46)	-	Red
	Buzzard	(1)	-	-	-	-	Green
17	Linnet	-	-	-	(120)	-	Red
22	Starling	185	-	-	-	-	Red; Sec41
23	Yellowhammer	-	75	-	120	-	Red
	Corn bunting	-	-	-	45	-	Red
	Woodpigeon	-	-	-	120	-	Amber
24	Woodpigeon	-	-	-	-	140	Amber
	Buzzard	(2)	(1)	-	-	-	Green
26	Linnet	75	-	-	-	-	Red
	Woodpigeon	-	(170)	-	-	-	Amber
	Buzzard	-	-	(1)	-	-	Green
30	Buzzard	1	-	-	1	-	Green
33	Skylark	-	-	48	-	-	Red
	Buzzard	-	-	-	1	-	Green
34	Starling	(161)	-	-	(192)	-	Red; Sec41
	Buzzard	-	-	-	(1)	-	Green
37	Buzzard	(1)	-	-	(1)	-	Green
39	Woodpigeon	-	(150)	-	-	-	Amber
	Starling	-	(150)	-	-	-	Red; Sec41
45	Fieldfare	75	-	52	-	-	Red; Sec41
	Redwing	-	(45)	-	-	-	Red; Sec41
	Sparrowhawk	(1)	-	-	-	-	Amber
49	Starling	190	-	-	-	-	Red; Sec41
51	Yellowhammer	-	-	-	98	-	Red

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
52	Fieldfare	-	48	-	-	-	Red; Sec41
53	Yellowhammer	46	-	-	-	-	Red
	Fieldfare	-	-	-	-	131	Red; Sec41
63	Buzzard	-	(1)	-	-	-	Green
282	Fieldfare	-	-	(45)	-	-	Red; Sec41
	Buzzard	(1)	-	-	-	-	Green
283	Starling	-	300	-	-	-	Red; Sec41
285	Linnet	-	-	45	-	-	Red
311	Starling	-	285	-	-	-	Red; Sec41
	Buzzard	-	-	(1)	-	-	Green
312	Starling	-	-	-	220	-	Red; Sec41
324	Starling	140	-	-	-	-	Red; Sec41
325	Buzzard	-	-	(2)	(1)	-	Green
329	Buzzard	-	(1)	-	-	-	Green

Target species are highlighted in bold.

'-' means that the species was not recorded during that visit.

Observations in brackets refer to birds recorded only in flight.

Conservation Status

EX/CR/EN/VU/NT – Extinct, Critically Endangered, Endangered, Vulnerable or Near Threatened on the Global IUCN Red List of Threatened Species

Red/Amber/Green – Species status as listed on the Birds of Conservation Concern 5 lists

Sch1.1/1.1A/A1/1.2 – Schedule 1 part 1, 1 part 1A, A1 or 1 part 2 of the Wildlife and Countryside Act 1981 (as amended)

Sec41 – Section 41 of the Natural Environment and Rural Communities Act 2006 (Species of principal importance for conserving biodiversity in England)

Ann1 – Listed on Annex I of The Birds Directive

LBAP – Cambridgeshire Local Biodiversity Action Plan species

Table 3.4: Wintering bird survey results - Wider Survey Area.

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
Target Species (Number of birds)							
28	Red kite	(1)	-	-	(1)	-	NT; Green; Sch1.1; Ann1
38	Black-headed gull	38	-	-	-	-	Amber
39	Common gull	-	-	-	(110)	-	Amber

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
42	Red kite	(1)	-	-	-	-	NT; Green; Sch1.1; Ann1
	Black-headed gull	9	-	-	-	-	Amber
44	Golden plover	53	-	-	-	-	Green; Ann1
48	Woodcock	-	1	-	-	-	Red
	Red kite	-	1 (1)	6 (13)	(1)	-	NT; Green; Sch1.1; Ann1
	Black-headed gull	-	-	60	-	-	Amber
	Common gull	-	-	48	(8)	-	Amber
60	Lapwing	-	-	-	-	3	NT; Red; Sec41
112	Common gull	21	-	-	-	-	Amber
117	Red kite	-	(1)	-	-	-	NT; Green; Sch1.1; Ann1
160	Red kite	-	-	-	(1)	-	NT; Green; Sch1.1; Ann1
166	Red kite	1	-	-	-	-	NT; Green; Sch1.1; Ann1
	Woodcock	1	-	-	-	-	Red
169	Red kite	-	-	-	(2)	-	NT; Green; Sch1.1; Ann1
171	Red kite	-	(1)	-	-	-	NT; Green; Sch1.1; Ann1
179	Red kite	-	-	-	(1)	-	NT; Green; Sch1.1; Ann1
185	Red kite	(1)	-	-	-	-	NT; Green; Sch1.1; Ann1
187	Peregrine	-	1	-	-	-	Green; Sch1.1; Ann1
188	Mallard	-	-	-	1	-	Amber
191	Red kite	-	-	-	-	(2)	NT; Green; Sch1.1; Ann1
196	Red kite	-	-	-	-	(1)	NT; Green; Sch1.1; Ann1
197	Red kite	-	-	-	(3)	-	NT; Green; Sch1.1; Ann1
199	Red kite	-	(23)	-	-	-	NT; Green; Sch1.1; Ann1
206	Red kite	-	(8)	-	-	-	NT; Green; Sch1.1; Ann1
210	Red kite	(27)	1	-	-	(1)	NT; Green; Sch1.1; Ann1

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
213	Red kite	-	-	-	(5)	-	NT; Green; Sch1.1; Ann1
267	Red kite	-	-	-	(1)	-	NT; Green; Sch1.1; Ann1
272	Common gull	3	-	-	-	-	Amber
	Black-headed gull	8	-	-	-	-	Amber
281	Black-headed gull	(1)	-	-	-	-	Amber
	Common gull	-	-	-	-	11	Amber
291	Herring gull	-	-	1	-		Red; Sec41
299	Mallard	14	-	-	-	-	Amber
300	Red kite	-	-	(2)	-	-	NT; Green; Sch1.1; Ann1
301	Lapwing	192	-	27	-	-	NT; Red; Sec41
	Black-headed gull	66	60	-	-	-	Amber
	Red kite	(1)	(1)	-	-	-	NT; Green; Sch1.1; Ann1
304	Red kite	-	-	(1)	(1)	-	NT; Green; Sch1.1; Ann1
309	Red kite	(2)	(1)	-	-	-	NT; Green; Sch1.1; Ann1
	Black-headed gull	-	(42)	-	-	-	Amber
310	Black-headed gull	-	-	-	140	-	Amber
	Lesser black-backed gull	-	-	-	25	-	Amber
	Common gull	-	-	-	21 (220)	-	Amber
	Red kite	-	-	-	-	1	NT; Green; Sch1.1; Ann1
	Golden plover	-	-	-	-	(10)	Green; Ann1
315	Red kite	-	(1)	-	-	-	NT; Green; Sch1.1; Ann1
	Greylag goose	(2)	-	-	-	-	Amber
	Moorhen	1	-	(1)	(1)	(1)	Amber
	Little grebe	-	-	-	(1)	-	Green
316	Red kite	(1)	-	-	-	-	NT; Green; Sch1.1; Ann1
318	Red kite	(1)	-	-	(1)	-	NT; Green; Sch1.1; Ann1

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
322	Mallard	-	-	-	3	-	Amber
323	Red kite	-	-	(1)	-	-	NT; Green; Sch1.1; Ann1
327	Kingfisher	(1)	-	-	-	-	Green; Sch1.1; Ann1
	Moorhen	1	(1)	-	-	(1)	Amber
	Mallard	-	-	(4)	-	(2)	Amber
	Little grebe	-	-	(1)	(2)	-	Green
	Gadwall	-	-	-	(1)	-	Amber
	Greylag goose	-	-	-	-	(10)	Amber
330	Red kite	-	-	-	-	(1)	NT; Green; Sch1.1; Ann1
331	Common gull	-	3	-	-	-	Amber
	Lapwing	-	-	60	-	-	NT; Red; Sec41
	Golden plover	-	-	80	-	-	Green; Ann1
	Red kite	-	-	-	(1)	-	NT; Green; Sch1.1; Ann1
344	Lapwing	-	-	152	-	-	NT; Red; Sec41
	Golden plover	-	-	9	-	-	Green; Ann1
	Black-headed gull	-	-	21	-	-	Amber
	Common gull	-	-	9	-	-	Amber
	Peregrine	-	-	(1)	-	-	Green; Sch1.1; Ann1
Secondary Species (Number of birds)							
4	Buzzard	-	(1)	-	-	-	Green
28	Buzzard	(1)	(1)	-	-	-	Green
	Woodpigeon	-	(189)	-	-	-	Amber
42	Fieldfare	-	60	-	-	-	Red; Sch1.1
43	Linnet	-	-	-	53	-	Red
46	Fieldfare	150	-	-	-	-	Red; Sch1.1
	Woodpigeon	-	250	-	-	-	Amber
48	Sparrowhawk	-	-	(1)	(1)	-	Amber
	Yellowhammer	61	-	150	-	-	Red; Sec41
	Fieldfare	-	-	40	-	300	Red; Sch1.1
	Rook	-	-	140	-	-	Amber
111	Starling	-	120	-	-	-	Red; Sec41
112	Starling	(200)	-	-	-	-	Red; Sec41
154	Starling	(140)	-	-	-	-	Red; Sec41

Field Number	Target Species	Survey Visit					Conservation Status
		1	2	3	4	5	
167	Yellowhammer	90	-	-	-	-	Red
	Starling	-	600	-	-	-	Red; Sec41
	Fieldfare	-	68	-	-	-	Red; Sch1.1
185	Fieldfare	49	-	-	-	-	Red; Sch1.1
187	Starling	-	-	-	-	900	Red; Sec41
	Fieldfare	-	-	-	-	500	Red; Sch1.1
248	Fieldfare	-	-	-	76	-	Red; Sch1.1
	Starling	-	-	-	110	-	Red; Sec41
301	Fieldfare	-	-	155	-	-	Red; Sch1.1
304	Woodpigeon	-	-	(150)	-	-	Amber
307	Buzzard	-	-	(1)	-	-	Green
310	Kestrel	(1)	-	-	-	-	Amber
	Buzzard	(1)	-	-	(1)	-	Green
313	Kestrel	-	(1)	-	-	-	Amber
	Woodpigeon	-	-	(300)	(650)	-	Amber
316	Buzzard	(1)	-	-			Green
	Sparrowhawk	(1)	-	-			Amber
	Kestrel	(1)	-	-			Amber
	Starling	220	-	-			Red; Sec41
	Woodpigeon	-	75	-			Amber
321	Buzzard	-	-	(1)	-	-	Green
323	Sparrowhawk	-	(1)	-	-	-	Amber
328	Buzzard	(1)	-	-	-	-	Green
343	Buzzard	-	-	-	(1)	-	Green
347	Yellowhammer	45	-	45	-	-	Red
	Linnet	-	-	50	-	-	Red

Target species are highlighted in bold.

'-' means that the species was not recorded during that visit.

Observations in brackets refer to birds recorded only in flight.

Conservation Status

EX/CR/EN/VU/NT – Extinct, Critically Endangered, Endangered, Vulnerable or Near Threatened on the Global IUCN Red List of Threatened Species

Red/Amber/Green – Species status as listed on the Birds of Conservation Concern 5 lists

Sch1.1/1.1A/A1/1.2 – Schedule 1 part 1, 1 part 1A, A1 or 1 part 2 of the Wildlife and Countryside Act 1981 (as amended)

Sec41 – Section 41 of the Natural Environment and Rural Communities Act 2006 (Species of principal importance for conserving biodiversity in England)

Ann1 – Listed on Annex I of The Birds Directive

LBAP – Cambridgeshire Local Biodiversity Action Plan species

ANNEX 1

Bird Species Summary

Table A1 provides a list of bird species recorded during the breeding bird surveys. Both common and species names are presented along with a summary of each species conservation status using the following abbreviations:

- Annex 1 – European Birds Directive Annex I species;
- S1 – Schedule 1 of the Wildlife & Countryside Act 1981 (as amended);
- BoCC – Birds of Conservation Concern as listed by leading bird conservation organisations in the UK, including the RSPB and BTO. Red and Amber categories are given (Stanbury et al., 2021);
- NERC S41 – species listed as rare and most threatened on the NERC Act (2006); and,
- LBAP – species listed under the Cambridgeshire Local Biodiversity Action.

Table A1: Summary of Bird Species

Common Name	Scientific Name	Conservation Status
Greylag Goose	*Anser anser*	Amber
Gadwall	*Mareca strepera*	Amber
Mallard	*Anas platyrhynchos*	Amber
Stock Dove	*Columba oenas*	Amber
Woodpigeon	*Columba palumbus*	Amber
Moorhen	*Gallinula chloropus*	Amber
Little Grebe	*Tachybaptus ruficollis*	Green
Lapwing	*Vanellus vanellus*	NT; Red; Sec41
Golden Plover	*Pluvialis apricaria*	Green; Ann1
Woodcock	*Scolopax rusticola*	Red
Black-headed Gull	*Chroicocephalus ridibundus*	Amber

Common Name	Scientific Name	Conservation Status
Common Gull	*Larus canus*	Amber
Herring Gull	*Larus argentatus*	Red; Sec41
Lesser Black-backed Gull	*Larus fuscus*	Amber
Sparrowhawk	*Accipiter nisus*	Amber
Red Kite	*Milvus milvus*	NT; Green; Sch1.1 & 1A; Ann1
Buzzard	*Buteo buteo*	Green
Tawny Owl	*Strix aluco*	Amber
Kingfisher	*Alcedo atthis*	Green; Sch1.1; Ann1
Kestrel	*Falco tinnunculus*	Amber
Peregrine	*Falco peregrinus*	Green; Sch1.1; Ann1; RBBP
Rook	*Corvus frugilegus*	Amber
Skylark	*Alauda arvensis*	Red; Sec41
Starling	*Sturnus vulgaris*	Red; Sec41
Redwing	*Turdus iliacus*	NT; Amber; Sch1.1; RBBP
Fieldfare	*Turdus pilaris*	Red; Sch1.1; RBBP
Linnet	*Linaria cannabina*	Red; Sec41
Corn Bunting	*Emberiza calandra*	Red; Sec41
Yellowhammer	*Emberiza citrinella*	Red; Sec41