

PROJECT:	Barnsley West
SUBJECT:	Wintering Bird Survey Addendum
NOTE REF:	001
DRAWINGS:	LD10361/034 Wintering Bird Survey Visit 5 LD10361/035 Wintering Bird Survey Visit 6
DATE:	24 th November 2023
PREPARED BY:	Olivia Satur (Ecologist)
REVIEWED BY:	Tim Palmer (Technical Director)

1 INTRODUCTION

- 1.1 Wardell Armstrong LLP (WA) was commissioned by Strata Sterling Barnsley West to undertake Wintering Bird Surveys (WBS) in support of a proposed mixed use development scheme. The project is located on land west of Barnsley, South Yorkshire, and has a central Ordnance Survey (OS) Grid Reference of SE 31778 07075.
- 1.2 Four WBS surveys have previously been carried out by WA in February and March 2023 (WA, 2023). Another two surveys have now been undertaken (Visit 5 and Visit 6) to cover the beginning of the wintering bird season.
- 1.3 This report aims to provide the results of the October and November 2023 WBS, and to summarise the data collected over the course of the 2023 surveys. Any significant differences in data collected between the previous four surveys and the additional two surveys are discussed.

2 METHODS

- 2.1 Transect surveys were carried out based upon and adapted from BTO winter farmland bird survey methodology (Gillings *et al.*, 2008). The survey visits consisted of two transect surveys of the site in October and November 2023, recording all bird species identified by observation or song/call, and counts of numbers within wintering flocks. All birds, passerine and non-passerine species were recorded and mapped.
- 2.2 The surveyor recorded all contacts with birds (either by sight or sound) by walking a pre-designated transect at a steady pace. The positions of the recorded birds were plotted as accurately as possible (to the nearest 10m) on a suitably scaled base map.

Standard BTO codes and symbols were used for mapping species and bird activity, including foraging, flight path and location.

3 RESULTS

- 3.1 Over the six WBS, a total of 48 species were recorded using the Site. Table 1 Below summarises the conservation status of the species recorded.

Table 1: WBS Conservation Status Summary

TOTAL SPECIES	48
Annex 1 Species	0
Schedule 1 Protected Species	2
BoCC 5 Red Listed Species	12
BoCC 5 Amber Listed Species	15
BoCC 5 Green Listed Species	19
BoCC 5 Species Not Assessed (na)	2
S41 Species of Principal Importance	11
IUCN European Red List species	0
LBAP species	15

- 3.2 The previous four WBS recorded a total of 42 species using the Site. Additional species recorded during Visit 5 and Visit 6 were lesser black-backed gull *Larus fuscus*, grey wagtail *Motacilla cinerea*, northern wheatear *Oenanthe oenanthe* and yellowhammer *Emberiza citrinella*.
- 3.3 Lesser black-backed gull, northern wheatear and yellowhammer were recorded on Visit 5 only. One lesser black-backed gull was within a flock of common gull *Larus canus* and black-headed gull *Chroicocephalus ridibundus*, which was recorded on a field towards the south of the Site. Furthermore, during Visit 5, two northern wheatear were recorded on fields in the southern corner of the south, just south of where one individual yellowhammer was observed. Finally, one grey wagtail was recorded close to a stream within the Ancient Woodland to the north of Hermit Lane on both Visit 5 and 6.
- 3.4 As with the previous surveys, the recorded species assemblage is weighted towards those associated with arable habitats. The grassland fields to the south of Hermit Lane support small numbers of lapwing *Vanellus vanellus*, with 4 and 15 (Visit 5 and Visit 6 respectively) birds recorded in a tight flock roosting on the recently ploughed land. These birds would be displaced by the development proposals as the winter

roosting/foraging habitat will be lost and cannot be accommodated elsewhere in the development area.

- 3.5 The surveys confirm that the previously assessed baseline for wintering birds at no higher than Local level (Fuller, 1980) remains unchanged.



BTO Species Code	Bird Species
B	Blackbird
BH	Black-headed Gull
BT	Blue Tit
C	Carrion Crow
CH	Chaffinch
CM	Common Gull
CT	Coal Tit
D	Dunnock
FF	Fieldfare
FP	Feral Pigeon
GL	Grey Wagtail
GO	Goldfinch
GR	Greenfinch
GT	Great Tit
HS	House Sparrow
L	Lapwing
LB	Lesser Black-backed Gull
Li	Linnet
LT	Long-tailed Tit
M	Mistle Thrush
MA	Mallard
MG	Maggpie
MP	Meadow Pipit
P	Grey Partridge
PH	Pheasant
PW	Pied Wagtail
R	Robin
RE	Redwing
RL	Red-legged Partridge
S	Skylark
SD	Stock Dove
SG	Starling
SH	Sparrowhawk
W	Wheatear
WP	Woodpigeon
WR	Wren
Y	Yellowhammer

KEY

Site Boundary

Bird(s) repeatedly calling

Sighting of Bird(s)

Calling bird(s)

Bird carrying food

Singing bird(s)

Notes:

Boundaries are indicative.

Aerial imagery shown for context purposes only.

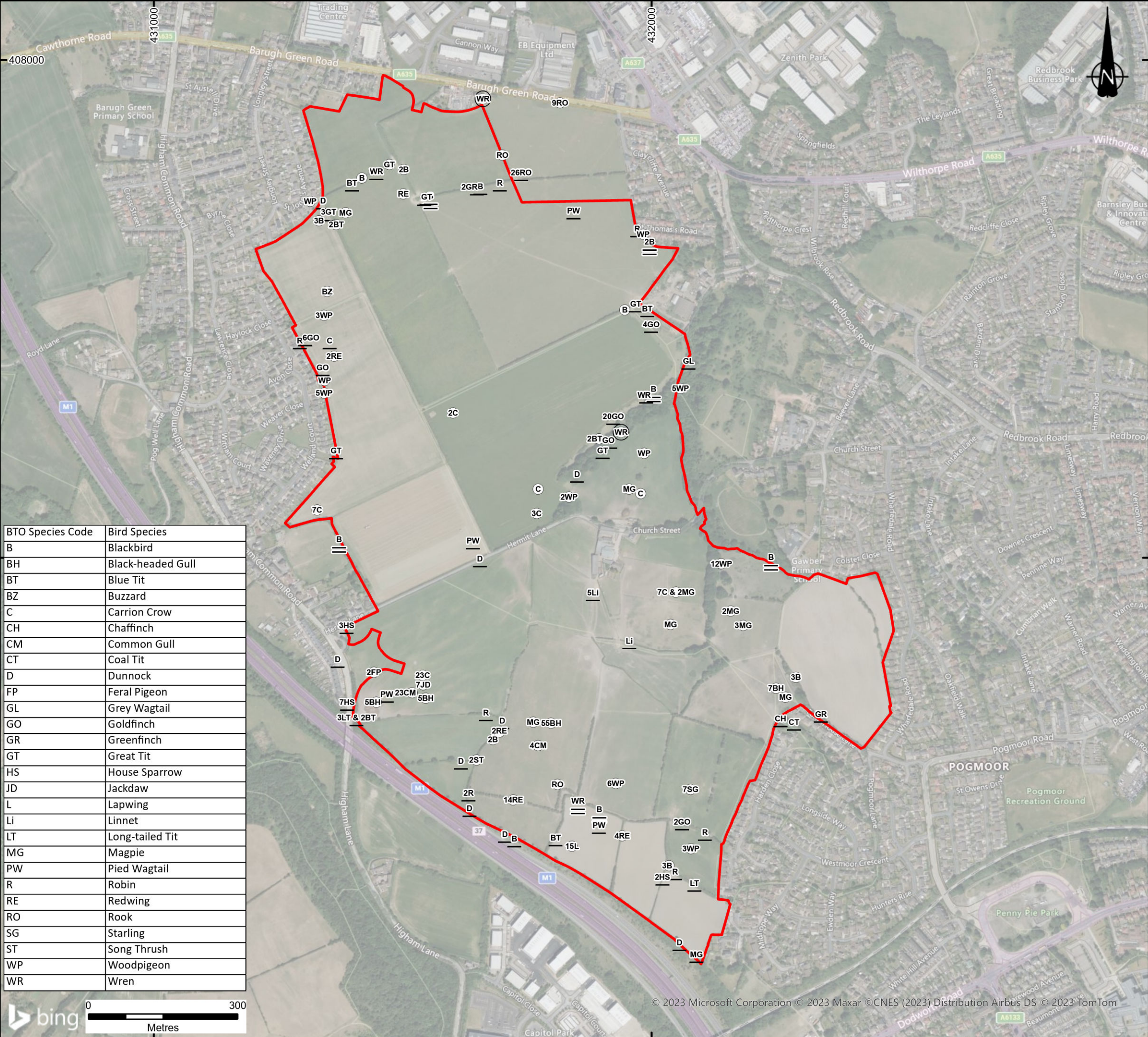
25/10/2023

Start: 8:00 6 degrees 2 cloud, 1 wind, dry

End: 10:11 10 degrees, 2 cloud, 1 wind, dry

REVISION	DETAILS	DATE	DRAWN	CHKD	APPD
CLIENT					
STRATA STERLING BARNSELY WEST LTD					
PROJECT					
BARNSELY WEST					
DRAWING TITLE					
WINTERING BIRD SURVEY VISIT 5 - OCTOBER 2023					
DRG No.		LD10361/034		REV	A
DRG SIZE		A3		SCALE	1:7,500
DATE		01/12/2023		APPROVED BY	
DRAWN BY		SRW		TP	

wardell
armstrong



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B	Blackbird
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LT	Long-tailed Tit
MG	Magpie
PW	Pied Wagtail
R	Robin
RE	Redwing
RO	Rook
SG	Starling
ST	Song Thrush
WP	Woodpigeon
WR	Wren

KEY

- Site Boundary
- Bird(s) repeatedly calling
- Sighting of Bird(s)
- Calling bird(s)
- Singing bird(s)

Notes:

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21/11/2023
Start 0805 sunrise 0744 End 0955
6/8cc f2-f4 wind dry 8 degrees

REVISION	DETAILS	DATE	DRAWN	CHKD	APPD
CLIENT	STRATA STERLING BARNSELEY WEST LTD				
PROJECT	BARNSELEY WEST				
DRAWING TITLE	WINTERING BIRD SURVEY VISIT 6 - NOVEMBER 2023				
DRG No.	LD10361/035	REV	A		
DRG SIZE	A3	SCALE	1:7,500	DATE	01/12/2023
DRAWN BY	SRW	CHECKED BY	TP	APPROVED BY	TP

