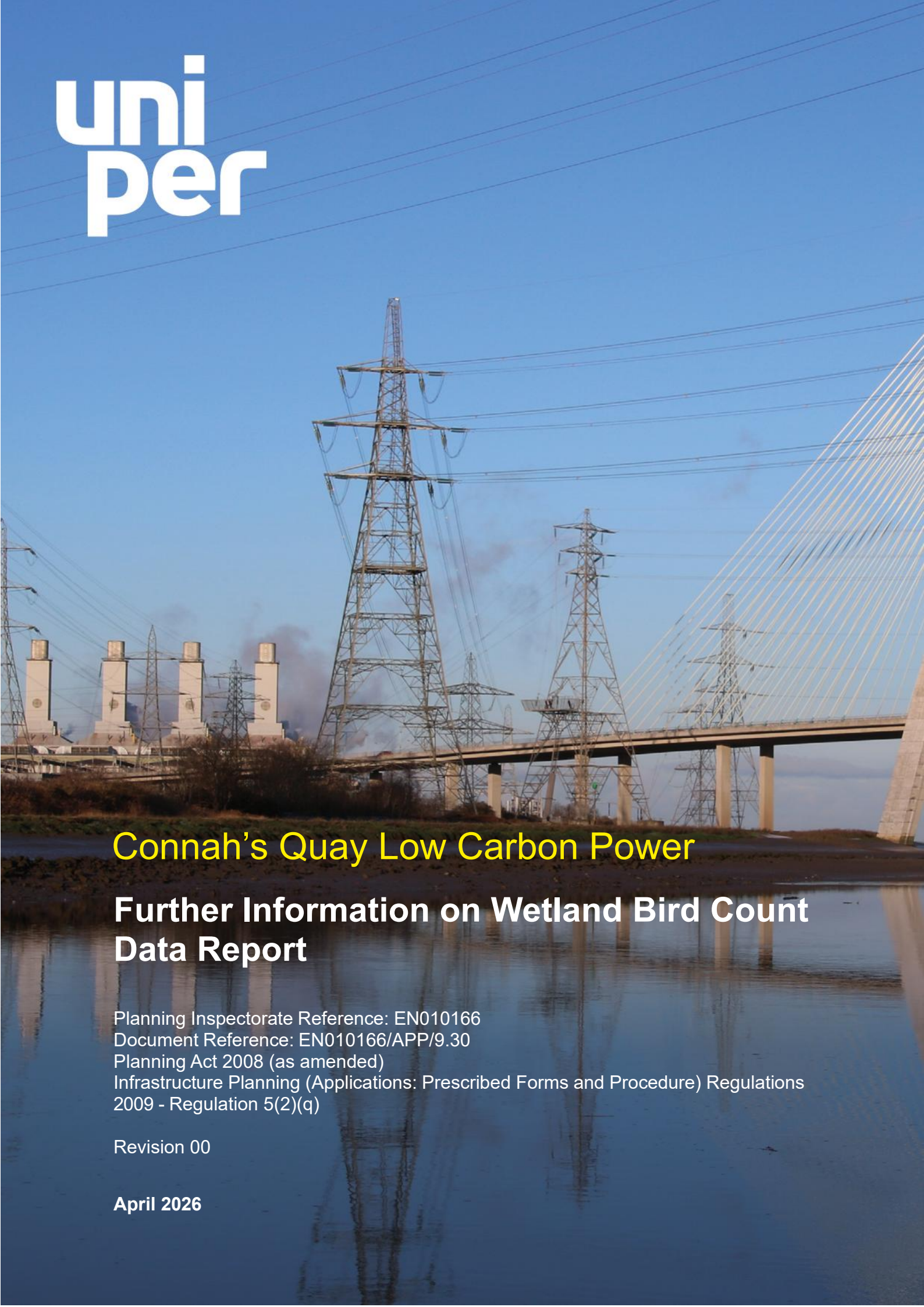

Connah's Quay Low Carbon Power

Further Information on Wetland Bird Count Data Report

Planning Inspectorate Reference: EN010166
Document Reference: EN010166/APP/9.30
Planning Act 2008 (as amended)
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulation 5(2)(q)

Revision 00

April 2026

Prepared for:
Uniper UK Limited

Prepared by:
AECOM Limited

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1. Introduction

1.1 Overview

1.1.1 In the draft version of the Statement of Common Ground (SoCG) between Uniper UK Limited (the Applicant) and Natural England submitted at Deadline 4 **[REP4-073]** of the examination of the Development Consent Order application for the Connah's Quay Low Carbon Power project, Natural England stated the following:

'From the available information from WeBS counts/the consultant's own data, it's clear the area affected by the proposal supports other SPA waterbird species. The proposal site clearly represents functionally linked land for a range of SPA birds, not only curlew. At least two season's worth of survey is the minimum required, regardless of the availability of other contextual data. We need to understand the specific use of the area impacted by the proposal and survey should be focused here. The WeBS data show the relative importance/use of these overall sectors, however, the count totals are available only for the whole sector. There is a need to understand the number and spatial distribution of the birds within the proposal site itself with accompanying maps to show this. Nevertheless, the data that has been collected by the applicant shows that the proposal site supports a number of SPA waterbird species in significant numbers (not just Curlew). In addition, high tide roost information submitted to the BTO shows the proposal site as a key roost location. When the assessment was made in 2019, counts of Redshank (1000), Wigeon (300), Teal (200), Curlew (120) were recorded at these roosts. This data collectively indicates that the proposal site is in an area used by significant aggregations of SPA waterbirds.'

1.2 Purpose of Document

1.2.1 This note has been produced on behalf of the Applicant to clarify the bird data available for the Order limits and presented in **Appendix 11-D: Ornithology Baseline Survey and Information Report [REP4-032]**, specifically in relation to use of the Order limits by qualifying bird species of the Dee Estuary Special Protection Area (SPA) / Ramsar site.

2. The Order Limits

2.1.1 The Order limits in relation to designated sites are shown on **Figure 11D-1** of **Appendix 11-D: Ornithology Baseline Survey and Information Report [REP4-032]**. The Main Development Area does not overlap with the SPA / Ramsar site. As shown on **Figure 11D-2** of **Appendix 11-D: Ornithology Baseline Survey and Information Report [REP4-032]** the Deeside Naturalists Connah's Quay Nature Reserve (Compartments 1 and 2) are located within the SPA / Ramsar site but are outside of the Order limits.

3. Qualifying Bird Species

3.1.1 As set out in **Table 3** of **Appendix 11-D: Ornithology Baseline Survey and Information Report [REP4-032]**, the following species appear as qualifying species on the relevant citations.

3.1.2 The Dee Estuary SPA:

- Common Tern (*Sterna hirundo*)
- Little Tern (*Sternula albifrons*)
- Sandwich Tern (*Thalasseus sandvicensis*)
- Bar-tailed Godwit (*Limosa lapponica*)
- Pintail (*Anas acuta*)
- Teal (*Anas crecca*)
- Dunlin (*Calidris alpina ssp. alpina*)
- Knot (*Calidris canutus*)
- Oystercatcher (*Haematopus ostralegus*)
- Black-tailed Godwit (*Limosa limosa ssp. Islandica*)
- Curlew (*Numenius arquata*)
- Grey Plover (*Pluvialis squatarola*)
- Shelduck (*Tadorna tadorna*)
- Redshank (*Tringa totanus*)

3.1.3 The Dee Estuary Ramsar site:

- Pintail (*Anas acuta*)
- Teal (*Anas crecca*)
- Dunlin (*Calidris alpina ssp. alpina*)
- Knot (*Calidris canutus*)
- Oystercatcher (*Haematopus ostralegus*)
- Bar-tailed Godwit (*Limosa lapponica*)
- Black-tailed Godwit (*Limosa limosa ssp. Islandica*)
- Curlew (*Numenius arquata*)
- Grey Plover (*Pluvialis squatarola*)
- Shelduck (*Tadorna tadorna*)
- Redshank (*Tringa totanus*)

4. Survey data used by the Applicant to inform the assessment

4.1.1 The surveys of waterbirds used by the Applicant to inform the impact assessment presented in **Chapter 11: Terrestrial and Aquatic Ecology (EN010166/APP/6.2.11)** and the **Report to Inform Habitats Regulations Assessment (EN010166/APP/6.12)** are set out in sections 3.1 and 3.2 of **Appendix 11-D: Ornithology Baseline Survey and Information Report [REP4-032]** and comprise the following:

- 'Wetland Bird Counts' undertaken by the Applicant comprising one low tide (diurnal) and three high tide (one diurnal and two nocturnal) ornithological surveys each month between November 2023 and October 2024 inclusive. The survey areas for these surveys are shown in **Figure 11D-2** of **Appendix 11-D: Ornithology Baseline Survey and Information Report [REP4-032]** and included all areas within the Order limits (outside the current power station footprint) as well as the Connah's Quay Nature Reserve and wider Dee Estuary adjacent to the Order limits.
- Ornithological surveys conducted at the Main Development Area by the Applicant on a monthly basis between April 2022 and February 2023 inclusive, which included the non-breeding period (**Annex E** of **Appendix 11-C: Botanical Baseline Survey and Information Report [REP3-016]**). The survey area included the Main Development Area as well as the Connah's Quay Nature Reserve and wider Dee Estuary adjacent to the Order limits.

4.1.2 These surveys represent two seasons of development specific non-breeding bird survey effort. These surveys are supported by a wealth of further ornithological data as set out in Section 5.

5. Further data used by the Applicant in support of the surveys undertaken

5.1.1 In addition to the above development specific surveys, the Applicant has also drawn on extensive other datasets available to support the results of the development specific surveys and impact assessment. These datasets are set out in section 3.1 of **Appendix 11-D: Ornithology Baseline Survey and Information Report [REP4-032]** and comprise:

- Deeside Naturalists Society – data for the Connah's Quay Nature Reserve (Compartments 1 and 2) between 2019 to 2023. The five-year peak counts for SPA / Ramsar site qualifying species are presented in Table 5 of **Appendix 11-D: Ornithology Baseline Survey and Information Report [REP4-032]**.
- Wetland Bird Survey (WeBS) data obtained from the British Trust for Ornithology, including both Low Tide Count data and Core Count data. In particular the Core Count sector 69426, which covers the fields within the Order limits to the west of the existing Connah's Quay Power Station, but importantly also covers the Connah's Quay Nature Reserve Compartments 1 and 2, both of which are outside the Order limits and within the Dee Estuary SPA / Ramsar site.

6. Determining the use of the Order limits by qualifying bird species

6.1.1 The Applicant used the above combination of development specific surveys and third-party datasets to determine the relative importance of the Order limits, in particular the Main Development Area, for qualifying bird species, i.e., whether these areas provide important habitat outside of the SPA / Ramsar site and are therefore functionally linked to the designated sites.

6.1.2 In determining what qualifies as being functionally linked to designated sites it was agreed with Natural Resources Wales that 1% of the cited population is a suitable threshold figure. For a specific area to be functionally linked, it would typically be expected that regular occurrence of the qualifying species at or above the 1% threshold be recorded.

6.1.3 **Table 1** below sets out the qualifying species specifically recorded within the Order limits, notably within the Main Development. No qualifying species were recorded using the Order limits outside of the months shown in Table 1. The locations of these observations are provided in **Figures 1 to 20: Bird Surveys November 2023 to March 2024** (**Appendix A: Figures**). Birds recorded within the Connah's Quay Nature Reserve Compartments 1 and 2 are assessed as part of the wider assessment of impacts to Dee Estuary SPA /Ramsar site, as these areas are within the designated sites themselves.

Table 1: Dee Estuary SPA / Ramsar site qualifying species recorded within the Order limits between November 2023 and March 2024 (Peak count shown in bold)

Species	Survey																		SPA cited population (% of pop. recorded by surveys)
	November			December			January				February				March				
	Low Tide	High Tide	Noc (Spring)	Low Tide	High Tide	Noc (Spring)	Low Tide	High Tide	Noc (Spring)	Noc (Neap)	Low Tide	High Tide	Noc (Spring)	Noc (Neap)	Low Tide	High Tide	Noc (Spring)	Noc (Neap)	
Dunlin										**6**									27,769 (<0.1%)
Oystercatcher							**6**				2	2				5			22,677 (<0.1%)
Curlew	52	42		13	**92**	6	32		50	69	42								3,899 (2.4%)
Shelduck					**2**														7,725 (<0.1%)
Redshank										**1**									5,293 (<0.1%)

6.1.4 The ornithological surveys undertaken between April 2022 and February 2023 also recorded up to 42 Curlew using the Order limits. As with the surveys undertaken between November 2023 and October 2024, all other observations of qualifying bird species were recorded from areas outside of the Order limits, particularly the Connah's Quay Nature Reserve Compartments 1 and 2. For example, the importance of these areas outside the Order limits is highlighted by the numbers of individuals presented in Annex F: Summary wetland Bird Count Data of **Appendix 11-D: Ornithology Baseline Survey and Information Report [REP4-032]**, for the survey count sector '69426' which illustrates the larger numbers of qualifying species recorded in Connah's Quay Nature Reserve compartments. The distribution of qualifying bird species within the Order limits is provided on **Figures 1 to 20: Bird Surveys November 2023 to March 2024** (**Appendix A: Figures**) and these correspond with data provided from other sources.

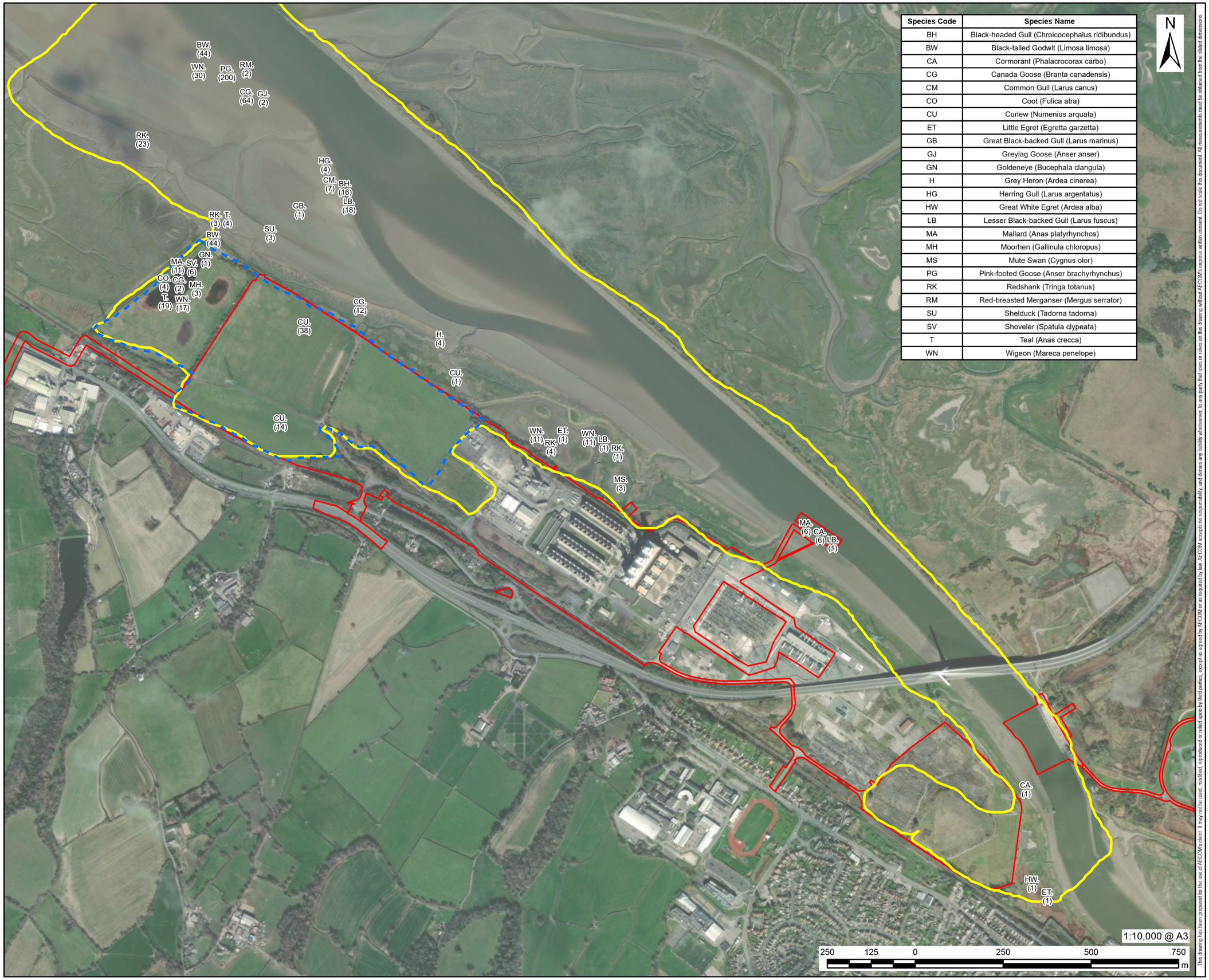
7. Conclusion

7.1.1 As set out in Section 6 and Table 1, the only species regularly recorded in numbers exceeding 1% of the relevant Dee Estuary SPA population within the Order limits was Curlew. Outside of the Order limits, the adjacent compartments of the Connah's Quay Nature Reserve do regularly support important concentrations of a variety of qualifying bird species. This is demonstrated by both the Applicant's own surveys (e.g., see Annex E: British Trust for Ornithology Core Count Data, Table E-1 of **Appendix 11-D: Ornithology Baseline Survey and Information Report [REP4-032]**, for the Applicant's survey count sector '69426') and the wider WeBS core count data (e.g., see Annex F: Summary wetland Bird Count Data of **Appendix 11-D: Ornithology Baseline Survey and Information Report [REP4-032]**, for the WeBS core count sector '69426'). These areas are all within the Dee Estuary SPA / Ramsar site and have been assessed, as appropriate, as part of the assessments of the designated sites complex themselves.

7.1.2 As set out in Section 4, the Applicant has undertaken two seasons of development specific non-breeding bird surveys to determine the ornithological baseline and in particular the levels of usage of the Order limits by qualifying bird species. These surveys are supported by the wealth of further datasets set out in Section 5.

7.1.3 **Figures 1 to 20: Bird Surveys November 2023 to March 2024** (**Appendix A: Figures**) present the number and spatial distribution of qualifying bird species using the Order limits.

Appendix A: Figures



Species Code	Species Name
BH	Black-headed Gull (Chroicocephalus ridibundus)
BW	Black-tailed Godwit (Limosa limosa)
CA	Cormorant (Phalacrocorax carbo)
CG	Canada Goose (Branta canadensis)
CM	Common Gull (Larus canus)
CO	Coot (Fulica atra)
CU	Curlew (Numenius arquata)
ET	Little Egret (Egretta garzetta)
GB	Great Black-backed Gull (Larus marinus)
GJ	Greylag Goose (Anser anser)
GN	Goldeneye (Bucephala clangula)
H	Grey Heron (Ardea cinerea)
HG	Herring Gull (Larus argentatus)
HW	Great White Egret (Ardea alba)
LB	Lesser Black-backed Gull (Larus fuscus)
MA	Mallard (Anas platyrhynchos)
MH	Moorhen (Gallinula chloropus)
MS	Mute Swan (Cygnus olor)
PG	Pink-footed Goose (Anser brachyrhynchus)
RK	Redshank (Tringa totanus)
RM	Red-breasted Merganser (Mergus serrator)
SU	Shelduck (Tadorna tadorna)
SV	Shoveler (Spatula clypeata)
T	Teal (Anas crecca)
WN	Wigeon (Mareca penelope)

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FIGURE TITLE

Bird Surveys November 2023 to December 2023: Visit 1 - 23/11/2023

FIGURE NUMBER

Figure 1

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Species Code	Species Name
BH	Black-headed Gull (Chroicocephalus ridibundus)
CA	Cormorant (Phalacrocorax carbo)
CG	Canada Goose (Branta canadensis)
CO	Coot (Fulica atra)
CS	Common Sandpiper (Actitis hypoleucos)
CU	Curlew (Numenius arquata)
DN	Dunlin (Calidris alpina)
DR	Spotted Redshank (Tringa erythropus)
ET	Little Egret (Egretta garzetta)
GA	Gadwall (Mareca strepera)
GB	Great Black-backed Gull (Larus marinus)
GK	Greenshank (Tringa nebularia)
GV	Grey Plover (Pluvialis squatarola)
H	Grey Heron (Ardea cinerea)
HG	Herring Gull (Larus argentatus)
L	Lapwing (Vanellus vanellus)
LB	Lesser Black-backed Gull (Larus fuscus)
LG	Little Grebe (Tachybaptus ruficollis)
MA	Mallard (Anas platyrhynchos)
MH	Moorhen (Gallinula chloropus)
MS	Mute Swan (Cygnus olor)
RK	Redshank (Tringa totanus)
SN	Snipe (Gallinago gallinago)
SU	Shelduck (Tadorna tadorna)
SV	Shoveler (Spatula clypeata)
T	Teal (Anas crecca)
TU	Tufted Duck (Aythya fuligula)
WN	Wigeon (Mareca penelope)

N

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FIGURE TITLE

Bird Surveys November 2023 to December 2023: Visit 2 - 27/11/2023

FIGURE NUMBER

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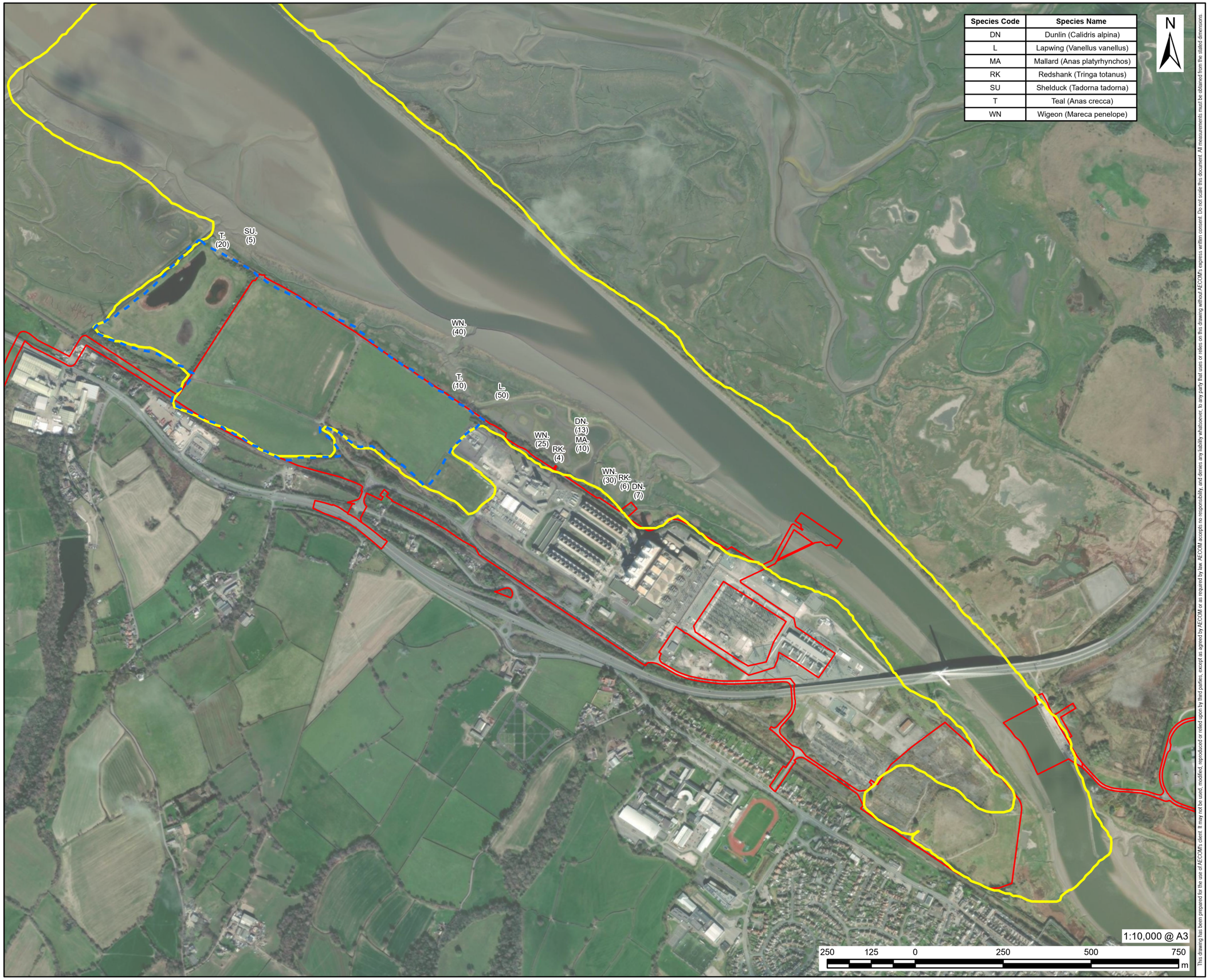

Species Code	Species Name
DN	Dunlin (Calidris alpina)
L	Lapwing (Vanellus vanellus)
MA	Mallard (Anas platyrhynchos)
RK	Redshank (Tringa totanus)
SU	Shelduck (Tadorna tadorna)
T	Teal (Anas crecca)
WN	Wigeon (Mareca penelope)

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FIGURE TITLE

Bird Surveys November 2023 to December 2023: Visit 3 - 05/12/2023

FIGURE NUMBER

Figure 3

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Species Code	Species Name
MS	Mute Swan (Cygnus olor)
CG	Canada Goose (Branta canadensis)
CA	Cormorant (Phalacrocorax carbo)
RK	Redshank (Tringa totanus)
MA	Mallard (Anas platyrhynchos)
TT	Turnstone (Arenaria interpres)
ET	Little Egret (Egretta garzetta)
GJ	Greylag Goose (Anser anser)
DN	Dunlin (Calidris alpina)
CU	Curlew (Numenius arquata)
SN	Snipe (Gallinago gallinago)
DR	Spotted Redshank (Tringa erythropus)
H	Grey Heron (Ardea cinerea)
AV	Avocet (Recurvirostra avosetta)
LG	Little Grebe (Tachybaptus ruficollis)
SU	Shelduck (Tadorna tadorna)
WN	Wigeon (Mareca penelope)
L	Lapwing (Vanellus vanellus)
OC	Oystercatcher (Haematopus ostralegus)
GV	Grey Plover (Pluvialis squatarola)
T	Teal (Anas crecca)
WK	Woodcock (Scolopax rusticola)
CS	Common Sandpiper (Actitis hypoleucos)
SV	Shoveler (Spatula clypeata)

N

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FIGURE TITLE

Bird Surveys December 2023 to January 2024: Visit 1 - 14/12/2023

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Figure 4

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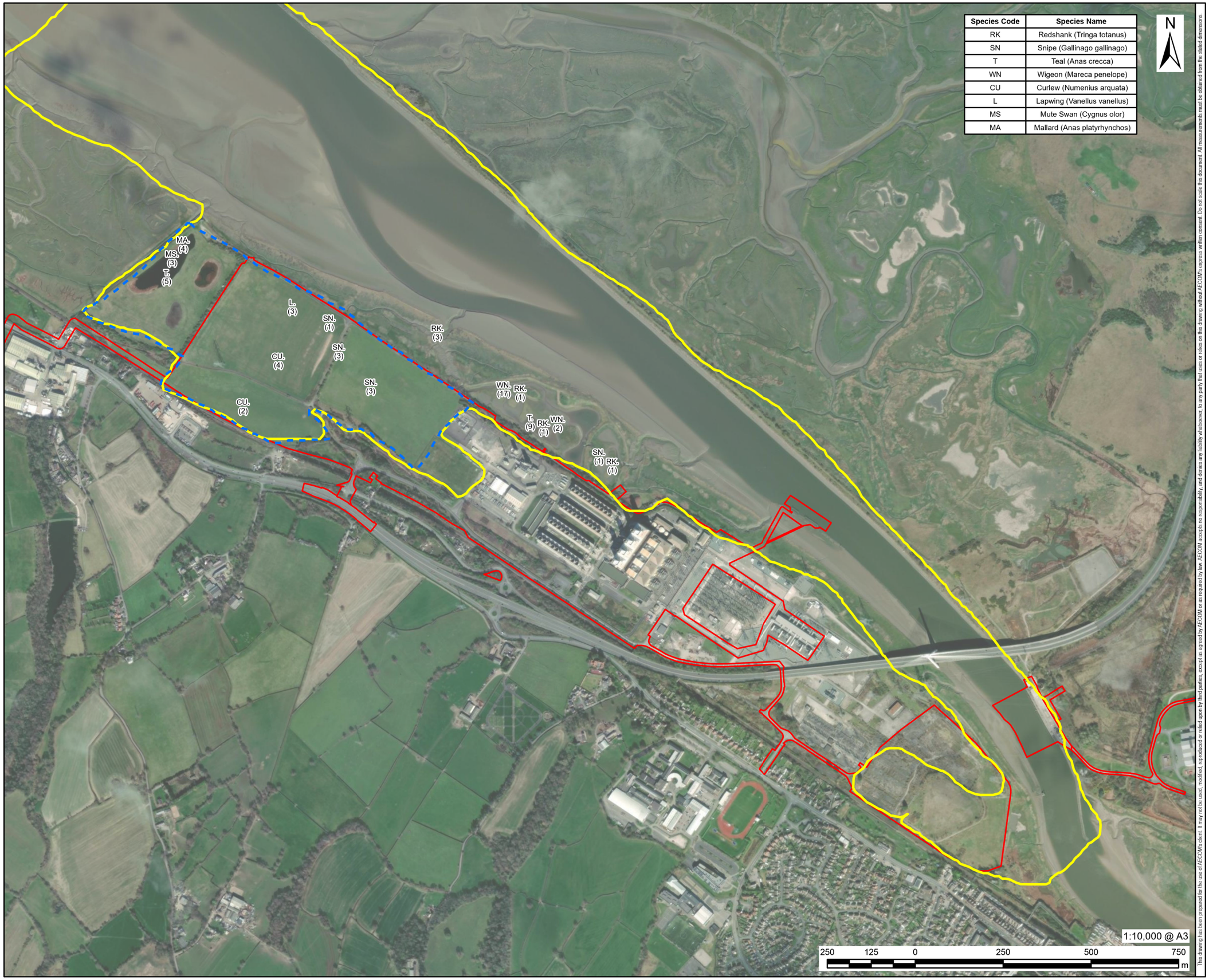

Species Code	Species Name
RK	Redshank (Tringa totanus)
SN	Snipe (Gallinago gallinago)
T	Teal (Anas crecca)
WN	Wigeon (Mareca penelope)
CU	Curlew (Numenius arquata)
L	Lapwing (Vanellus vanellus)
MS	Mute Swan (Cygnus olor)
MA	Mallard (Anas platyrhynchos)

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FIGURE TITLE

Bird Surveys December 2023 to January 2024: Visit 2 - 14/12/2023

FIGURE NUMBER

Figure 5

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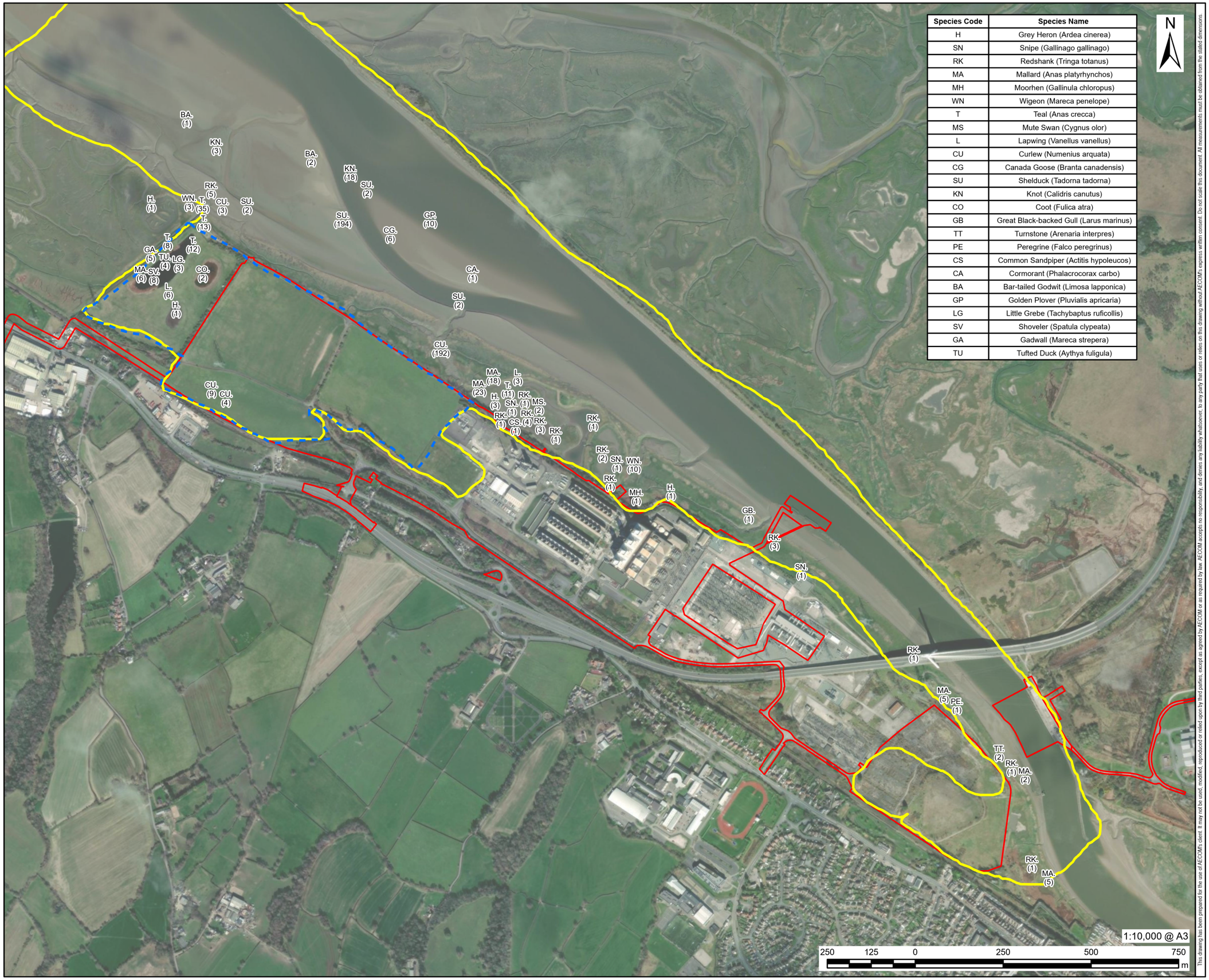

Species Code	Species Name
H	Grey Heron (Ardea cinerea)
SN	Snipe (Gallinago gallinago)
RK	Redshank (Tringa totanus)
MA	Mallard (Anas platyrhynchos)
MH	Moorhen (Gallinula chloropus)
WN	Wigeon (Mareca penelope)
T	Teal (Anas crecca)
MS	Mute Swan (Cygnus olor)
L	Lapwing (Vanellus vanellus)
CU	Curlew (Numenius arquata)
CG	Canada Goose (Branta canadensis)
SU	Shelduck (Tadorna tadorna)
KN	Knot (Calidris canutus)
CO	Coot (Fulica atra)
GB	Great Black-backed Gull (Larus marinus)
TT	Turnstone (Arenaria interpres)
PE	Peregrine (Falco peregrinus)
CS	Common Sandpiper (Actitis hypoleucos)
CA	Cormorant (Phalacrocorax carbo)
BA	Bar-tailed Godwit (Limosa lapponica)
GP	Golden Plover (Pluvialis apricaria)
LG	Little Grebe (Tachybaptus ruficollis)
SV	Shoveler (Spatula clypeata)
GA	Gadwall (Mareca strepera)
TU	Tufted Duck (Aythya fuligula)

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PROJECT NUMBER

60768754

FIGURE TITLE

Bird Surveys December 2023 to January 2024: Visit 3 - 18/12/2023

FIGURE NUMBER

Figure 6

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Species Code	Species Name
WK	Woodcock (Scolopax rusticola)
SN	Snipe (Gallinago gallinago)
RK	Redshank (Tringa totanus)
MS	Mute Swan (Cygnus olor)
ET	Little Egret (Egretta garzetta)
GB	Great Black-backed Gull (Larus marinus)
CA	Cormorant (Phalacrocorax carbo)
T	Teal (Anas crecca)
WN	Wigeon (Mareca penelope)
CU	Curlew (Numenius arquata)
SU	Shelduck (Tadorna tadorna)
H	Grey Heron (Ardea cinerea)
OC	Oystercatcher (Haematopus ostralegus)
LG	Little Grebe (Tachybaptus ruficollis)
TU	Tufted Duck (Aythya fuligula)
GA	Gadwall (Mareca strepera)
MA	Mallard (Anas platyrhynchos)

N

1:10,000 @ A3

250 125 0 250 500 750 m

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PROJECT

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CONSULTANT

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LEGEND

- Order limits
- XX (X) Species Code and Count
- Nocturnal Bird Survey Area
- Diurnal Bird Survey Area

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FIGURE TITLE

Bird Surveys December 2023 to January 2024: Visit 4 - 03/01/2024

FIGURE NUMBER

Figure 7

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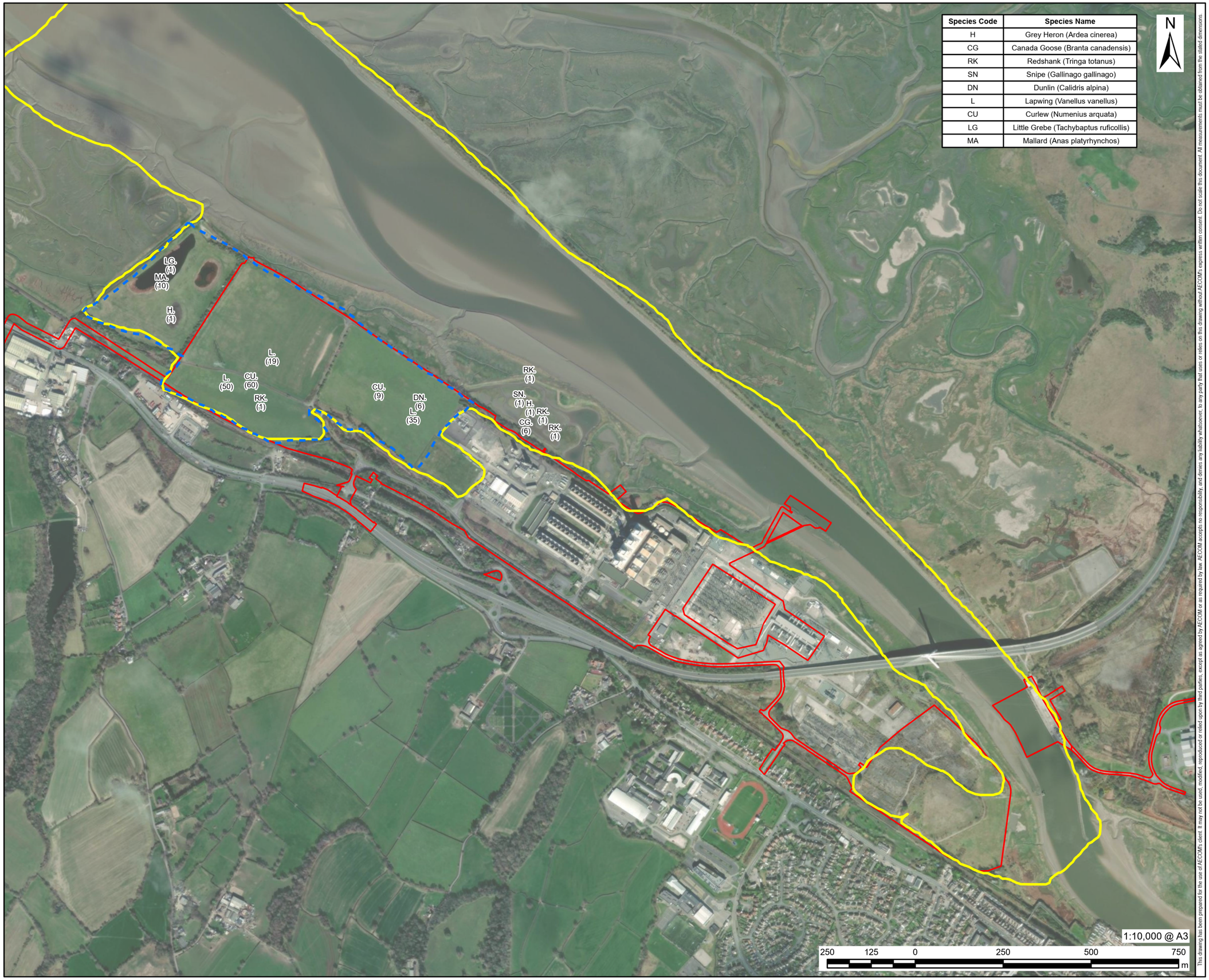

Species Code	Species Name
H	Grey Heron (Ardea cinerea)
CG	Canada Goose (Branta canadensis)
RK	Redshank (Tringa totanus)
SN	Snipe (Gallinago gallinago)
DN	Dunlin (Calidris alpina)
L	Lapwing (Vanellus vanellus)
CU	Curlew (Numenius arquata)
LG	Little Grebe (Tachybaptus ruficollis)
MA	Mallard (Anas platyrhynchos)

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FIGURE TITLE

Bird Surveys December 2023 to January 2024: Visit 5 - 04/01/2024

FIGURE NUMBER

Figure 8

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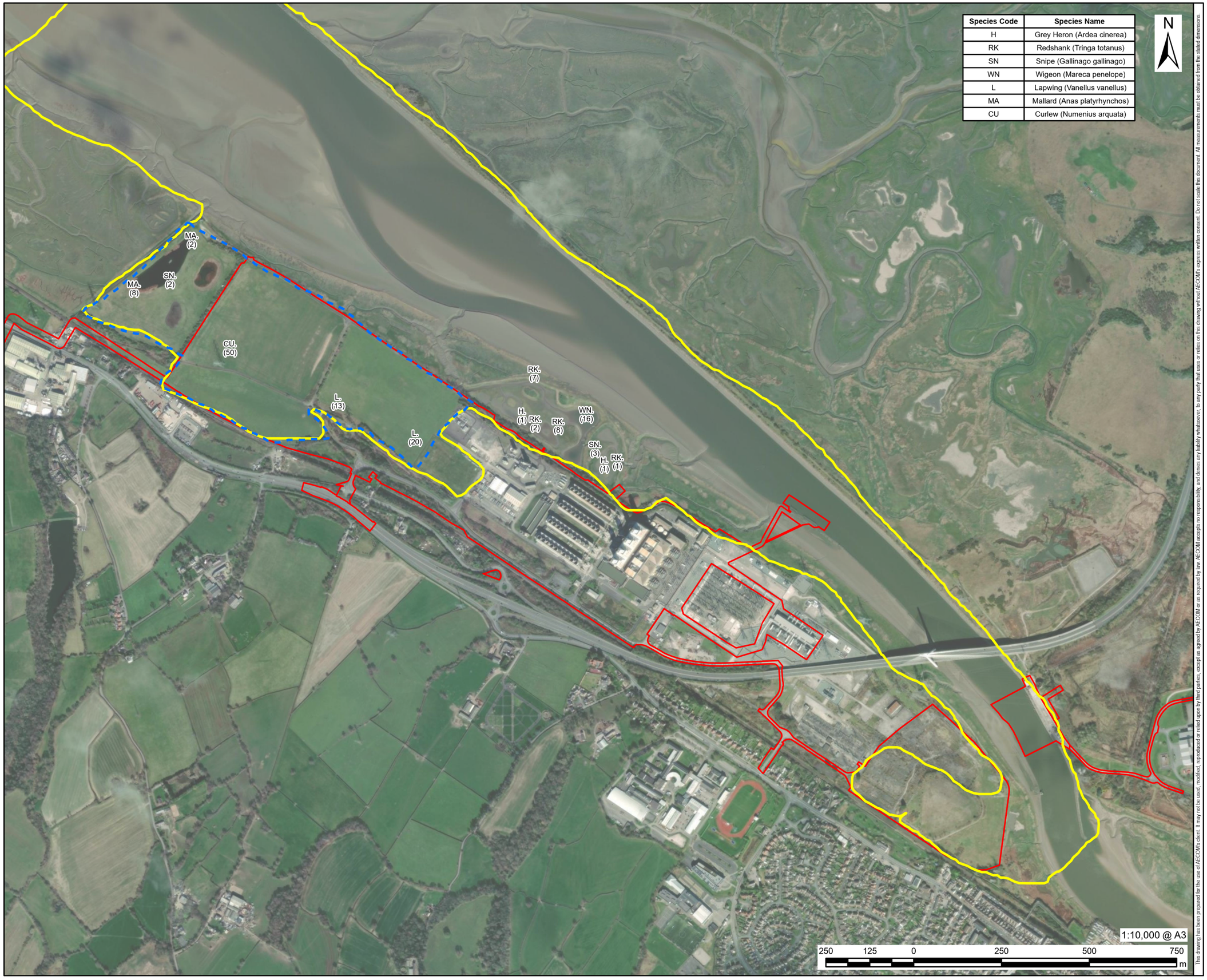

Species Code	Species Name
H	Grey Heron (Ardea cinerea)
RK	Redshank (Tringa totanus)
SN	Snipe (Gallinago gallinago)
WN	Wigeon (Mareca penelope)
L	Lapwing (Vanellus vanellus)
MA	Mallard (Anas platyrhynchos)
CU	Curlew (Numenius arquata)

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FIGURE TITLE

Bird Surveys December 2023 to January 2024: Visit 6 - 11/01/2024 and 12/01/2024

FIGURE NUMBER

Figure 9

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Species Code	Species Name
MS	Mute Swan (Cygnus olor)

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FIGURE TITLE

Bird Surveys December 2023 to January 2024: Visit 7 - 12/01/2024

FIGURE NUMBER

Figure 10

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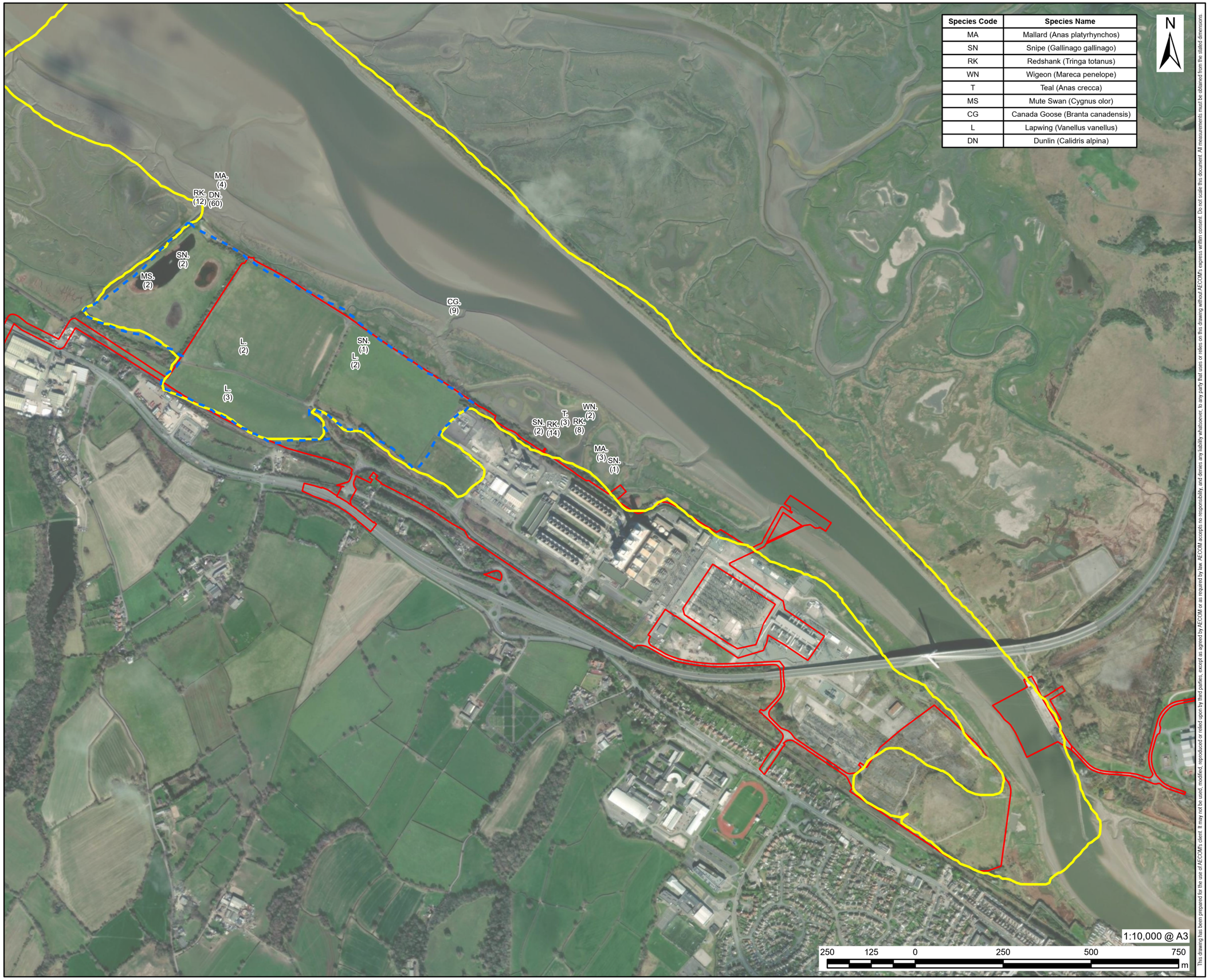

Species Code	Species Name
MA	Mallard (Anas platyrhynchos)
SN	Snipe (Gallinago gallinago)
RK	Redshank (Tringa totanus)
WN	Wigeon (Mareca penelope)
T	Teal (Anas crecca)
MS	Mute Swan (Cygnus olor)
CG	Canada Goose (Branta canadensis)
L	Lapwing (Vanellus vanellus)
DN	Dunlin (Calidris alpina)

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FIGURE TITLE

Bird Surveys December 2023 to January 2024: Visit 8 - 24/01/2024

FIGURE NUMBER

Figure 11

Species Code	Species Name
L	Lapwing (Vanellus vanellus)
CA	Cormorant (Phalacrocorax carbo)
MS	Mute Swan (Cygnus olor)
PE	Peregrine (Falco peregrinus)
GB	Great Black-backed Gull (Larus marinus)
CG	Canada Goose (Branta canadensis)
MA	Mallard (Anas platyrhynchos)
RK	Redshank (Tringa totanus)
WA	Water Rail (Rallus aquaticus)
GK	Greenshank (Tringa nebularia)
H	Grey Heron (Ardea cinerea)
SU	Shelduck (Tadorna tadorna)
ET	Little Egret (Egretta garzetta)
T	Teal (Anas crecca)
DN	Dunlin (Calidris alpina)
OC	Oystercatcher (Haematopus ostralegus)
CU	Curlew (Numenius arquata)
SV	Shoveler (Spatula clypeata)
TU	Tufted Duck (Aythya fuligula)
WN	Wigeon (Mareca penelope)
LG	Little Grebe (Tachybaptus ruficollis)
TT	Turnstone (Arenaria interpres)
DR	Spotted Redshank (Tringa erythropus)
WK	Woodcock (Scolopax rusticola)

N

1:10,000 @ A3

250 125 0 250 500 750 m

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FIGURE TITLE

Bird Surveys December 2023 to January 2024: Visit 9 - 25/01/2024

FIGURE NUMBER

Figure 12

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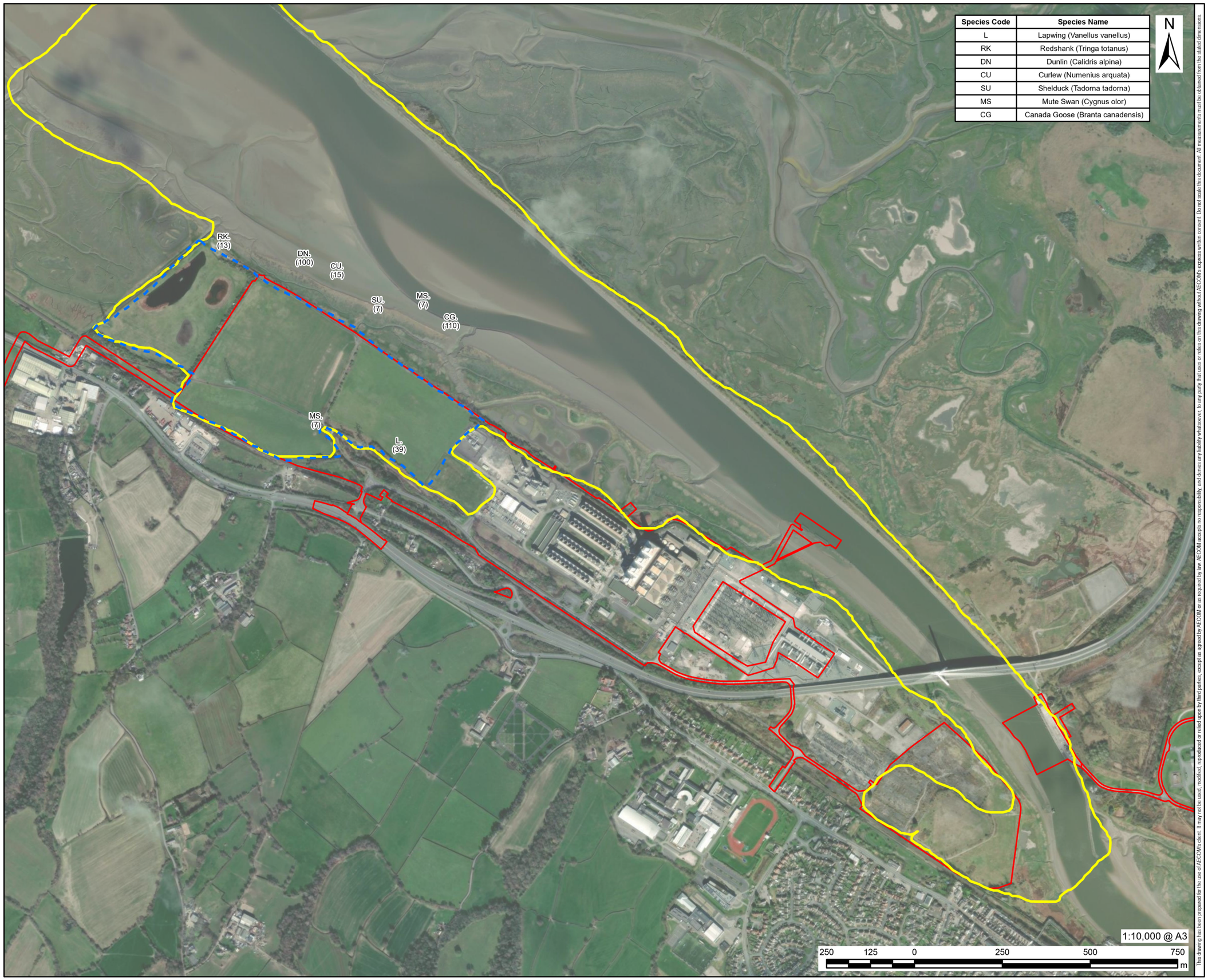

Species Code	Species Name
L	Lapwing (Vanellus vanellus)
RK	Redshank (Tringa totanus)
DN	Dunlin (Calidris alpina)
CU	Curlew (Numenius arquata)
SU	Shelduck (Tadorna tadorna)
MS	Mute Swan (Cygnus olor)
CG	Canada Goose (Branta canadensis)

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FIGURE TITLE

Bird Surveys February 2024 to March 2024: Visit 1 - 11/02/2024

FIGURE NUMBER

Figure 13

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Species Code	Species Name
SN	Snipe (Gallinago gallinago)
L	Lapwing (Vanellus vanellus)
H	Grey Heron (Ardea cinerea)
OC	Oystercatcher (Haematopus ostralegus)

N

SN. (1)

L. (3)

L. (9)

OC. (2)

H. (1)

1:10,000 @ A3

250 125 0 250 500 750 m

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FIGURE TITLE

Bird Surveys February 2024 to March 2024: Visit 2 - 12/02/2024

FIGURE NUMBER

Figure 14

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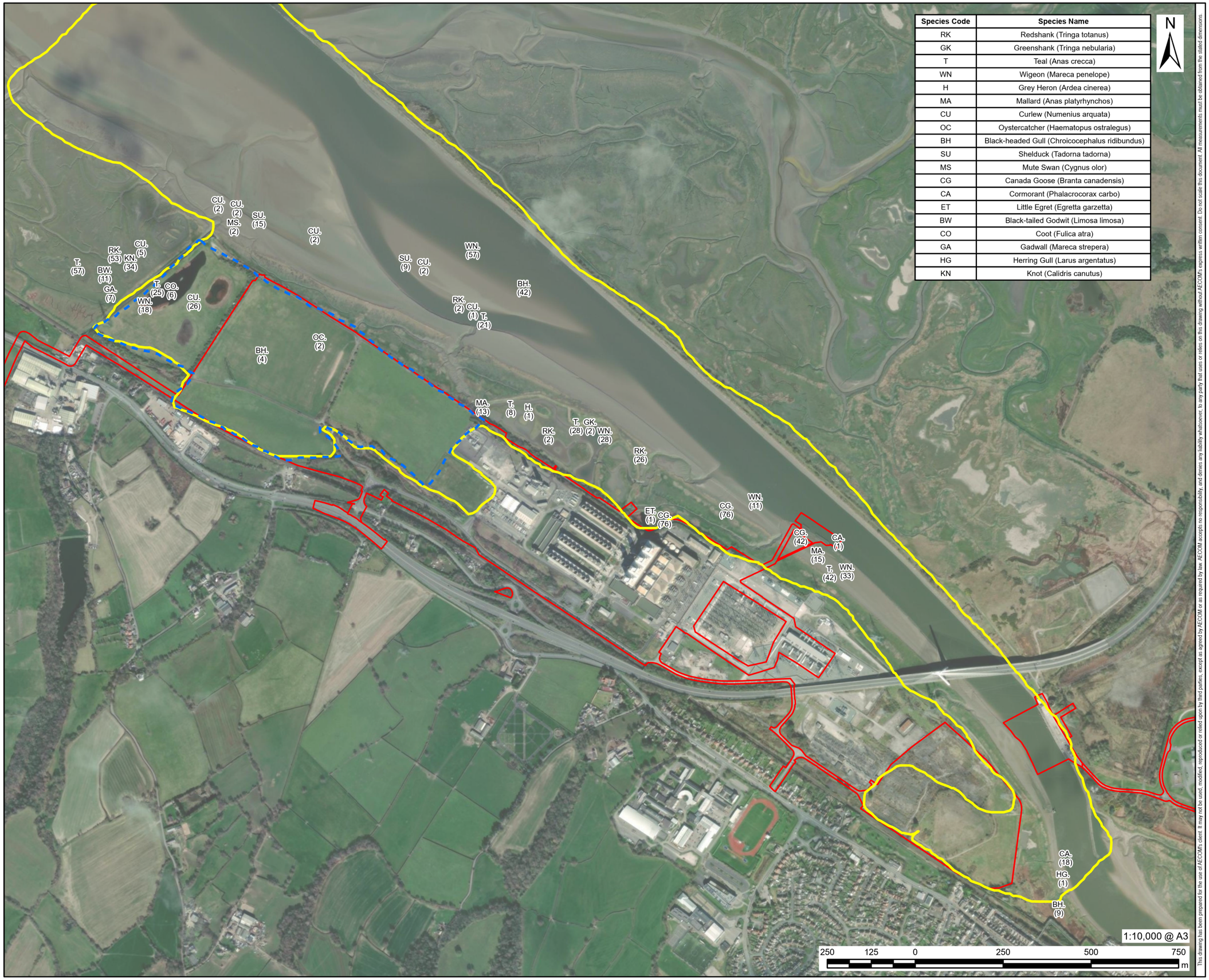

Species Code	Species Name
RK	Redshank (Tringa totanus)
GK	Greenshank (Tringa nebularia)
T	Teal (Anas crecca)
WN	Wigeon (Mareca penelope)
H	Grey Heron (Ardea cinerea)
MA	Mallard (Anas platyrhynchos)
CU	Curlew (Numenius arquata)
OC	Oystercatcher (Haematopus ostralegus)
BH	Black-headed Gull (Chroicocephalus ridibundus)
SU	Shelduck (Tadorna tadorna)
MS	Mute Swan (Cygnus olor)
CG	Canada Goose (Branta canadensis)
CA	Cormorant (Phalacrocorax carbo)
ET	Little Egret (Egretta garzetta)
BW	Black-tailed Godwit (Limosa limosa)
CO	Coot (Fulica atra)
GA	Gadwall (Mareca strepera)
HG	Herring Gull (Larus argentatus)
KN	Knot (Calidris canutus)

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FIGURE TITLE

Bird Surveys February 2024 to March 2024: Visit 3 - 12/02/2024

FIGURE NUMBER

Figure 15

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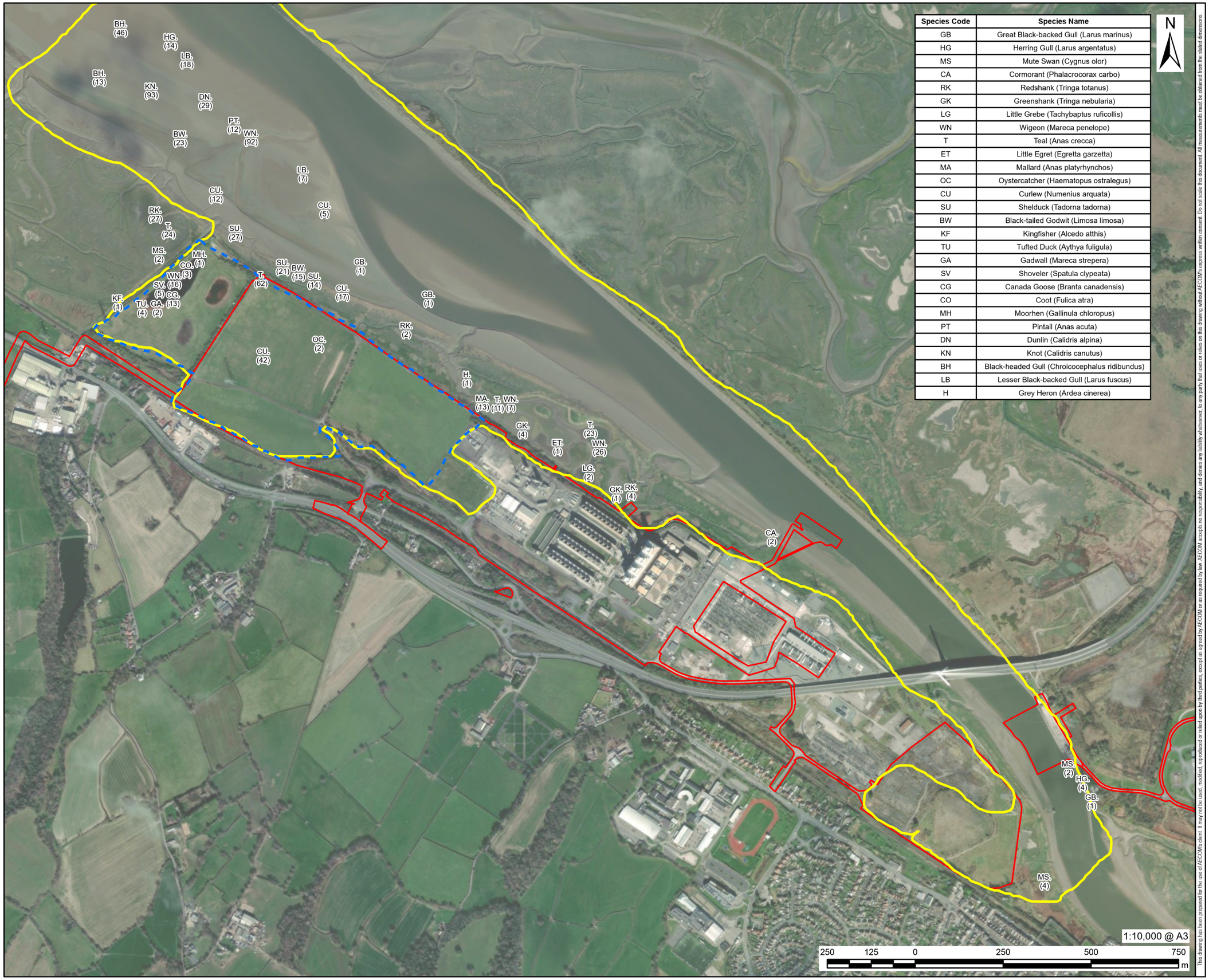

Species Code	Species Name
GB	Great Black-backed Gull (Larus marinus)
HG	Herring Gull (Larus argentatus)
MS	Mute Swan (Cygnus olor)
CA	Cormorant (Phalacrocorax carbo)
RK	Redshank (Tringa totanus)
GK	Greenshank (Tringa nebularia)
LG	Little Grebe (Tachybaptus ruficollis)
WN	Wigeon (Mareca penelope)
T	Teal (Anas crecca)
ET	Little Egret (Egretta garzetta)
MA	Mallard (Anas platyrhynchos)
OC	Oystercatcher (Haematopus ostralegus)
CU	Curlew (Numenius arquata)
SU	Shelduck (Tadorna tadorna)
BW	Black-tailed Godwit (Limosa limosa)
KF	Kingfisher (Alcedo atthis)
TU	Tufted Duck (Aythya fuligula)
GA	Gadwall (Mareca strepera)
SV	Shoveler (Spatula clypeata)
CG	Canada Goose (Branta canadensis)
CO	Coot (Fulica atra)
MH	Moorhen (Gallinula chloropus)
PT	Pintail (Anas acuta)
DN	Dunlin (Calidris alpina)
KN	Knot (Calidris canutus)
BH	Black-headed Gull (Chroicocephalus ridibundus)
LB	Lesser Black-backed Gull (Larus fuscus)
H	Grey Heron (Ardea cinerea)

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FIGURE TITLE

Bird Surveys February 2024 to March 2024: Visit 4 - 15/02/2024

FIGURE NUMBER

Figure 16

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Species Code	Species Name
OC	Oystercatcher (Haematopus ostralegus)
CG	Canada Goose (Branta canadensis)

N

CG. (100)

OC. (2)

1:10,000 @ A3

250 125 0 250 500 750 m

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FIGURE TITLE

Bird Surveys February 2024 to March 2024: Visit 5 - 09/03/2024

FIGURE NUMBER

Figure 17

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Species Code	Species Name
OC	Oystercatcher (Haematopus ostralegus)

N

OC. (1)

1:10,000 @ A3

250 125 0 250 500 750 m

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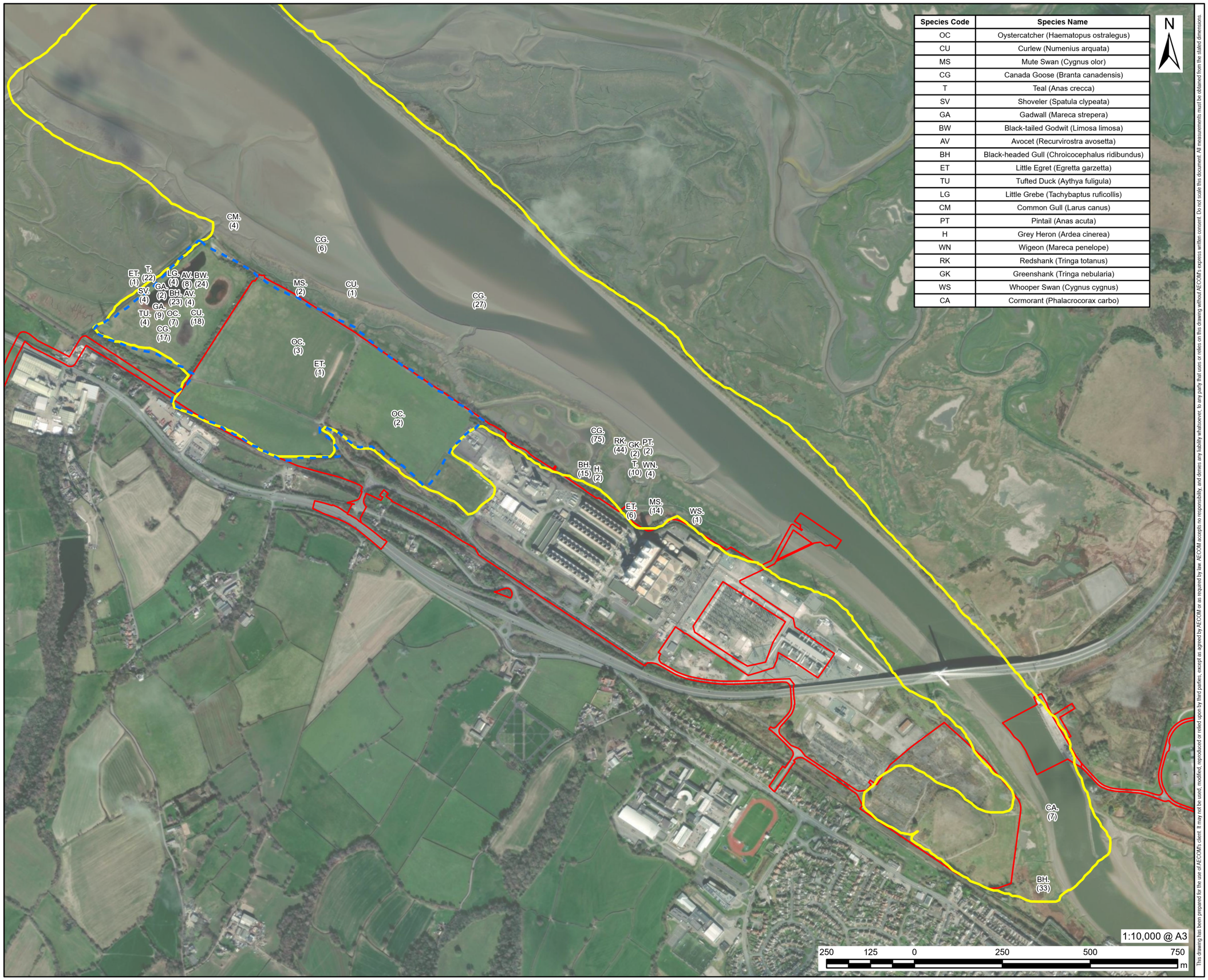
FIGURE TITLE

Bird Surveys February 2024 to March 2024: Visit 6 - 12/03/2024

FIGURE NUMBER

Figure 18



Species Code	Species Name
OC	Oystercatcher (Haematopus ostralegus)
CU	Curlew (Numenius arquata)
MS	Mute Swan (Cygnus olor)
CG	Canada Goose (Branta canadensis)
T	Teal (Anas crecca)
SV	Shoveler (Spatula clypeata)
GA	Gadwall (Mareca strepera)
BW	Black-tailed Godwit (Limosa limosa)
AV	Avocet (Recurvirostra avosetta)
BH	Black-headed Gull (Chroicocephalus ridibundus)
ET	Little Egret (Egretta garzetta)
TU	Tufted Duck (Aythya fuligula)
LG	Little Grebe (Tachybaptus ruficollis)
CM	Common Gull (Larus canus)
PT	Pintail (Anas acuta)
H	Grey Heron (Ardea cinerea)
WN	Wigeon (Mareca penelope)
RK	Redshank (Tringa totanus)
GK	Greenshank (Tringa nebularia)
WS	Whooper Swan (Cygnus cygnus)
CA	Cormorant (Phalacrocorax carbo)

AECOM uniper

PROJECT

Connah's Quay Low Carbon Power

CONSULTANT

AECOM Limited
The Colmore Building
Colmore Circus, Queensway
Birmingham, B4 6AT
www.aecom.com

LEGEND

- Order limits
- XX (X) Species Code and Count
- Nocturnal Bird Survey Area
- Diurnal Bird Survey Area

NOTES

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ISSUE PURPOSE

Further Information on Wetland Bird Count Data Report

DATE

April 2026

PROJECT NUMBER

60768754

FIGURE TITLE

Bird Surveys February 2024 to March 2024: Visit 7 - 12/03/2024

FIGURE NUMBER

Figure 19

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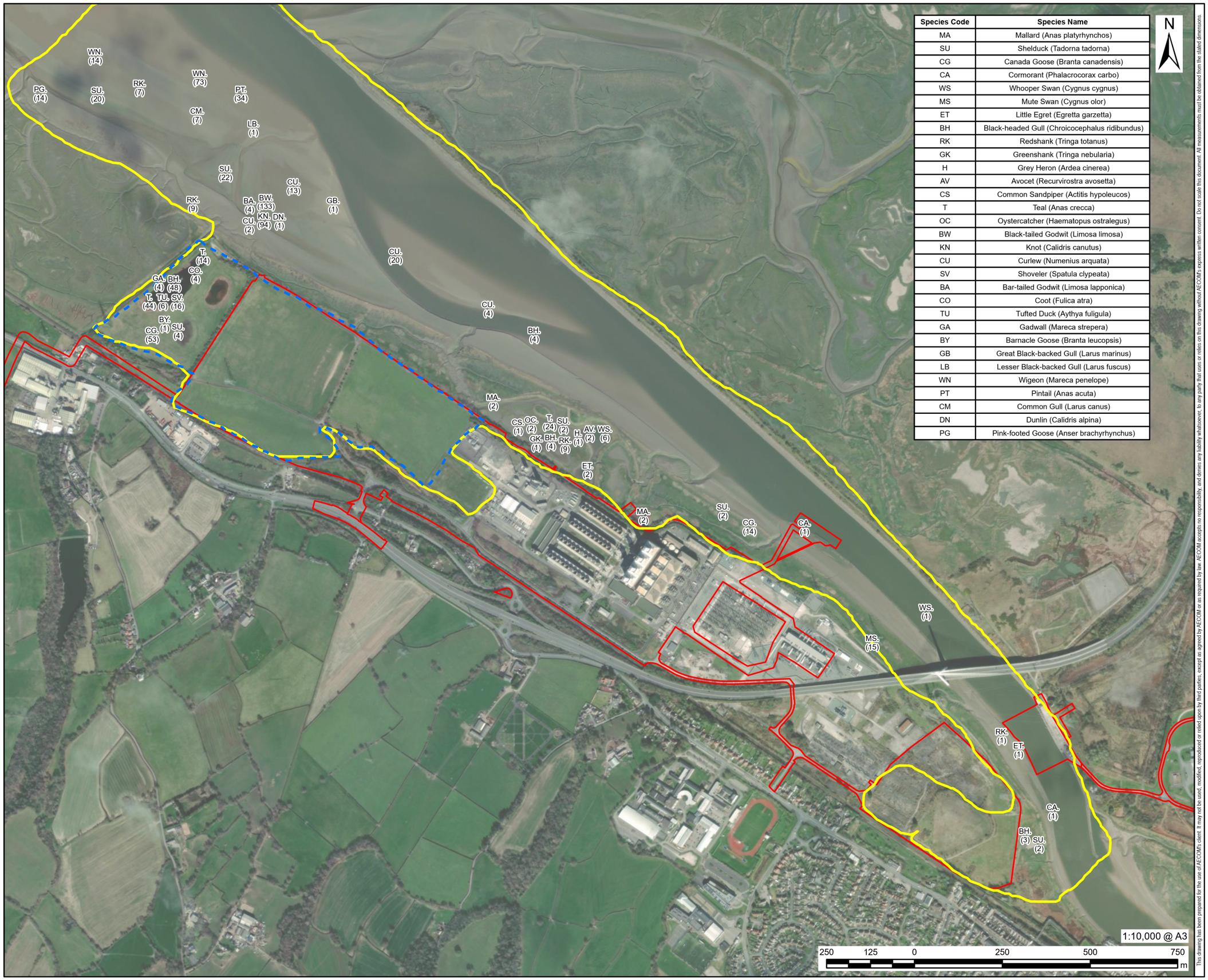

Species Code	Species Name
MA	Mallard (Anas platyrhynchos)
SU	Shelduck (Tadorna tadorna)
CG	Canada Goose (Branta canadensis)
CA	Cormorant (Phalacrocorax carbo)
WS	Whooper Swan (Cygnus cygnus)
MS	Mute Swan (Cygnus olor)
ET	Little Egret (Egretta garzetta)
BH	Black-headed Gull (Chroicocephalus ridibundus)
RK	Redshank (Tringa totanus)
GK	Greenshank (Tringa nebularia)
H	Grey Heron (Ardea cinerea)
AV	Avocet (Recurvirostra avosetta)
CS	Common Sandpiper (Actitis hypoleucos)
T	Teal (Anas crecca)
OC	Oystercatcher (Haematopus ostralegus)
BW	Black-tailed Godwit (Limosa limosa)
KN	Knot (Calidris canutus)
CU	Curlew (Numenius arquata)
SV	Shoveler (Spatula clypeata)
BA	Bar-tailed Godwit (Limosa lapponica)
CO	Coot (Fulica atra)
TU	Tufted Duck (Aythya fuligula)
GA	Gadwall (Mareca strepera)
BY	Barnacle Goose (Branta leucopsis)
GB	Great Black-backed Gull (Larus marinus)
LB	Lesser Black-backed Gull (Larus fuscus)
WN	Wigeon (Mareca penelope)
PT	Pintail (Anas acuta)
CM	Common Gull (Larus canus)
DN	Dunlin (Calidris alpina)
PG	Pink-footed Goose (Anser brachyrhynchus)

AECOM uniper

PROJECT

Connah's Quay Low Carbon Power

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LEGEND

- Order limits
- XX (X) Species Code and Count
- Nocturnal Bird Survey Area
- Diurnal Bird Survey Area

NOTES

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ISSUE PURPOSE

Further Information on Wetland Bird Count Data Report

DATE

April 2026

PROJECT NUMBER

60768754

FIGURE TITLE

Bird Surveys February 2024 to March 2024: Visit 8 - 14/03/2024

FIGURE NUMBER

Figure 20

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Revision: 0 Drawn: LP Checked: AG Approved: KK Date: 2026-04-14

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