



NORTH FALLS

Offshore Wind Farm

ENVIRONMENTAL STATEMENT

Appendix 24.8 Five Estuaries Onshore Cable
Route Breeding Bird Surveys 2022 Report
(Part 2 of 2)

| | |
|---------------------|-----------|
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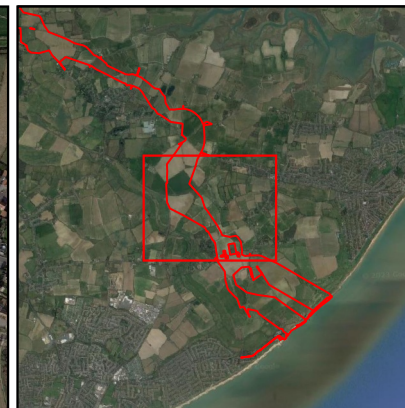
NORTH FALLS

Offshore Wind Farm

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| Document Title | Environmental Statement Appendix 24.8 Five Estuaries Onshore Cable Route Breeding Bird Surveys 2022 Report |
| Document Reference | 3.3.47 |
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| Revision | Date | Status/Reason for Issue | Originator | Checked | Approved |
|-----------------|-------------|--------------------------------|-------------------|----------------|-----------------|
| 0 | July 2024 | Submission | Ecology Resources | NFOW | NFOW |
| | | | | | |
| | | | | | |
| | | | | | |



LEGEND

- Transect route
- - - 100m Buffer
- ▭ VE Onshore Boundary

BREEDING BIRD SURVEY
TRANSECT ROUTE
FIGURE 2b

PROJECT TITLE:

Five Estuaries Offshore
Wind Farm Ltd.

CLIENT:

Royal HaskoningDHV

DATE:

10.02.2023

PRODUCED BY:

B. Turner

REF: 22043



ECOLOGY
RESOURCES



LEGEND

- Transect route
- - - 100m Buffer
- VE Onshore Boundary
- ▨ Area not surveyed due to boundary revision

BREEDING BIRD SURVEY
TRANSECT ROUTE
FIGURE 2c

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ECOLOGY
RESOURCES



LEGEND

- Transect route
- 100m Buffer
- VE Onshore Boundary
- Area not surveyed due to boundary revision

BREEDING BIRD SURVEY TRANSECT ROUTE FIGURE 2d

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ECOLOGY
RESOURCES



LEGEND

- Transect route
- - - 100m Buffer
- ▭ VE Onshore Boundary

BREEDING BIRD SURVEY
TRANSECT ROUTE
FIGURE 2e

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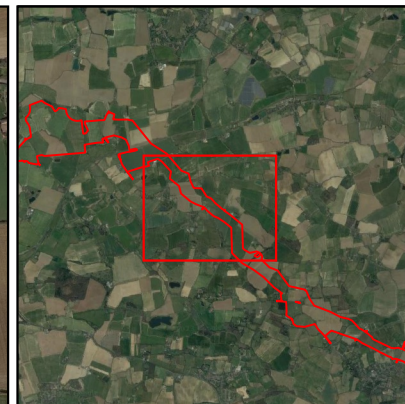
PRODUCED BY:

B. Turner

REF: 22043



ECOLOGY
RESOURCES



LEGEND

- Transect route
- 100m Buffer
- VE Onshore Boundary

BREEDING BIRD SURVEY
TRANSECT ROUTE
FIGURE 2f

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ECOLOGY
RESOURCES



LEGEND

- Transect route
- - - 100m Buffer
- ▭ VE Onshore Boundary

BREEDING BIRD SURVEY
TRANSECT ROUTE
FIGURE 2g

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10.02.2023

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ECOLOGY
RESOURCES

APPENDIX B: Survey Meta Data - Birds Sightings

| Species | Binomial Name | 2022 Survey Dates | | | | | | | | | | | | Species Status | Breeding Status On Site |
|--------------------|-----------------------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|-------------------------|
| | | 12.05 | 13.05 | 19.05 | 24.05 | 25.05 | 26.05 | 07.06 | 08.06 | 09.06 | 21.06 | 22.06 | 23.06 | | |
| Avocet | <i>Recurvirostra avosetta</i> | | | | 1 | | | | | | | | | Amber, Schedule 1 | Possible |
| Barn Owl | <i>Tyto alba</i> | | 1 | | | | | | | | | | | Green, Schedule 1 | Probable |
| Blackbird | <i>Turdus merula</i> | 2 | 20 | 13 | 5 | 17 | 8 | 1 | | 6 | | 3 | | Green | Probable |
| Blackcap | <i>Sylvia atricapilla</i> | | 5 | 10 | 8 | 9 | 5 | | | | | | | Green | Probable |
| Black-headed Gull | <i>Chroicocephalus ridibundus</i> | 2 | | 1 | 6 | 3 | | 3 | 6 | 3 | 5 | 1 | 1 | Amber | Possible |
| Blue Tit | <i>Cyanistes caeruleus</i> | 3 | 12 | 4 | 2 | 13 | 3 | 10 | 1 | 4 | 2 | 2 | 5 | Green | Probable |
| Canada Goose | <i>Branta canadensis</i> | 14 | | | 5 | | | | | | | | | Green | Probable |
| Carrion Crow | <i>Corvus corone</i> | 10 | 13 | 25 | 6 | 35 | 17 | | 5 | | 3 | | | Green | Probable |
| Cetti's Warbler | <i>Cettia cetti</i> | | | | 4 | | | 3 | | | 2 | | | Green, Schedule 1 | Probable |
| Chaffinch | <i>Fringilla coelebs</i> | 4 | 5 | 2 | 2 | 5 | 3 | 1 | 1 | 5 | 2 | 1 | 4 | Green | Probable |
| Chiffchaff | <i>Phylloscopus collybita</i> | | 7 | 5 | 2 | 5 | 3 | | | | | | | Green | Probable |
| Collared Dove | <i>Streptopelia decaocto</i> | | | | | | | | | 3 | 3 | | | Green | Probable |
| Common Buzzard | <i>Buteo buteo</i> | | 1 | 1 | 2 | 3 | 2 | 1 | 2 | 2 | 1 | | 1 | Green | Probable |
| Common Cuckoo | <i>Cuculus canorus</i> | 1 | | | 1 | | | 1 | | | 1 | | | Red, NERC | Probable |
| Common Pheasant | <i>Phasianus colchicus</i> | 2 | | 3 | 2 | 1 | | 3 | 1 | | 1 | | 1 | Green | Probable |
| Common Whitethroat | <i>Sylvia communis</i> | 9 | 10 | 4 | 14 | 2 | 7 | 15 | 11 | 5 | 13 | 11 | 3 | Amber | Probable |
| Coot | <i>Fulica atra</i> | 1 | | | | | | | | | | | | Green | Probable |
| Cormorant | <i>Phalacrocorax carbo</i> | 2 | | | | | | | | | | | | Green | Possible |

| Species | Binomial Name | 2022 Survey Dates | | | | | | | | | | | | Species Status | Breeding Status On Site |
|--------------------------|----------------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|-------------------------|
| | | 12.05 | 13.05 | 19.05 | 24.05 | 25.05 | 26.05 | 07.06 | 08.06 | 09.06 | 21.06 | 22.06 | 23.06 | | |
| Corn Bunting | <i>Miliaria calandra</i> | 1 | | 2 | | | | 2 | 1 | 3 | 8 | 4 | 1 | Red, NERC | Probable |
| Curlew | <i>Numenius arquata</i> | | | | | | | | | | 1 | | | Red | Possible |
| Dunnock | <i>Prunella modularis</i> | 1 | | 1 | | 1 | 3 | 2 | | 2 | 1 | 1 | 1 | Amber, NERC | Probable |
| Eurasian Hobby | <i>Falco subbuteo</i> | | 1 | | | | | | | | | | | Green Schedule 1 | Possible |
| European Robin | <i>Erithacus rubecula</i> | | 2 | 1 | | 1 | 4 | 1 | 1 | 1 | 4 | 2 | 1 | Green | Probable |
| Garden Warbler | <i>Sylvia borin</i> | | | 1 | 1 | 1 | | | | | | | | Green | Probable |
| Goldfinch | <i>Carduelis carduelis</i> | 3 | 13 | 15 | 5 | 6 | 33 | 1 | | 1 | 3 | | 1 | Green | Probable |
| Great Tit | <i>Parus major</i> | 5 | 5 | 6 | 1 | 12 | 4 | | | | | | | Green | Probable |
| Great-spotted Woodpecker | <i>Dendrocopos major</i> | | 1 | 1 | | | | | | | | | | Green | Probable |
| Green Woodpecker | <i>Picus viridis</i> | | | | | | | | | | 2 | | | Green | Probable |
| Greenfinch | <i>Chloris chloris</i> | | 1 | | | | | | | | | 2 | | Red | Possible |
| Grey Heron | <i>Ardea cinerea</i> | 1 | | | | | | 1 | | | 2 | | | Green | Probable |
| Greylag Goose | <i>Anser anser</i> | 1 | 1 | 1 | | | | | | | | | | Amber | Possible |
| Grey Wagtail | <i>Motacilla cinerea</i> | | | | 3 | | 1 | | | | | | | Amber | Probable |
| Herring Gull | <i>Larus argentatus</i> | 3 | 7 | 1 | 8 | | | 4 | 4 | 1 | 1 | 1 | | Red, NERC | Confirmed |
| House Sparrow | <i>Passer domesticus</i> | | 2 | 4 | 1 | | 3 | 2 | | 5 | | 8 | | Red, NERC | Probable |
| House Martin | <i>Delichon urbicum</i> | | | | | | | 2 | | 1 | | 1 | | Red | Possible |
| Jackdaw | <i>Corvus monedula</i> | 10 | 12 | 10 | 25 | 32 | 8 | | | | | | | Green | Probable |
| Kestrel | <i>Falco tinnunculus</i> | 2 | | | 1 | | | | | | | 1 | | Amber | Possible |
| Lapwing | <i>Vanellus vanellus</i> | | | | | 1 | | | | | 1 | | | Red, NERC | Possible |
| Lesser Whitethroat | <i>Sylvia curruca</i> | 5 | 5 | | 2 | | 2 | 4 | 3 | | 3 | | | Green | Probable |
| Lesser-black backed Gull | <i>Larus fuscus</i> | | | | | | 1 | 2 | | | 2 | | | Amber | Non Breeder |
| Linnet | <i>Carduelis cannabina</i> | 6 | 4 | 4 | 6 | | | 5 | 3 | 3 | 11 | 5 | | Red, NERC | Probable |
| Little Egret | <i>Egretta garzetta</i> | 2 | | | | | | | | | | | | Green | Possible |

| Species | Binomial Name | 2022 Survey Dates | | | | | | | | | | | | Species Status | Breeding Status On Site |
|----------------------|-----------------------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|-------------------------|
| | | 12.05 | 13.05 | 19.05 | 24.05 | 25.05 | 26.05 | 07.06 | 08.06 | 09.06 | 21.06 | 22.06 | 23.06 | | |
| Long-tailed Tit | <i>Aegithalos caudatus</i> | | | | | | | | 8 | | | 6 | | Green | Probable |
| Magpie | <i>Pica pica</i> | 1 | | 6 | 6 | 7 | 3 | 1 | | 2 | 2 | 2 | 1 | Green | Probable |
| Mallard | <i>Anus platyrhynchos</i> | 2 | 2 | 5 | 3 | | | 2 | | | | 1 | 1 | Amber | Probable |
| Meadow Pipit | <i>Anthus pratensis</i> | 8 | 3 | | 5 | | 1 | 2 | 2 | 3 | 6 | | 2 | Amber | Probable |
| Mistle Thrush | <i>Turdus viscivorus</i> | | | | | | | 1 | | | | | | Red | Possible |
| Moorhen | <i>Gallinula chloropus</i> | 1 | 1 | | | | | | | | 2 | | | Amber | Probable |
| Mute Swan | <i>Cygnus olor</i> | | | | 1 | | | | 1 | | | | | Green | Probable |
| Oystercatcher | <i>Haematopus ostralegus</i> | 1 | | | 1 | 2 | | 2 | | | 3 | 3 | | Amber | Probable |
| Pied Wagtail | <i>Motacilla alba</i> | | 2 | | | 1 | | | | 1 | 2 | 1 | | Green | Probable |
| Red Kite | <i>Milvus milvus</i> | | | | | | | | 2 | | | | | Green Schedule 1 | Possible |
| Red-legged Partridge | <i>Alectoris rufa</i> | | 11 | 11 | | 6 | 1 | | 7 | | | 5 | | Green | Probable |
| Redshank | <i>Tringa nebularia</i> | 1 | | | | | | 1 | | | | | | Amber | Confirmed |
| Reed Bunting | <i>Emberiza schoeniclus</i> | 7 | | | 5 | | 1 | 1 | | 1 | 9 | 1 | | Amber | Probable |
| Reed Warbler | <i>Acrocephalus scirpaceus</i> | 12 | | | 9 | | | 5 | | | 5 | | | Green | Probable |
| Rook | <i>Corvus frugilegus</i> | | 21 | 2 | | 23 | 2 | 27 | 17 | 90 | 15 | 36 | 31 | Amber | Non-breeder |
| Sedge Warbler | <i>Acrocephalus schoenobaenus</i> | 3 | | | | | | 4 | | | 2 | | | Amber | Probable |
| Shelduck | <i>Tadorna tadorna</i> | | | | | | | 2 | | | 2 | | | Amber | Probable |
| Skylark | <i>Alauda arvensis</i> | 6 | 58 | 26 | 36 | 7 | 12 | 38 | 49 | 60 | 34 | 28 | 30 | Red, NERC | Probable |
| Song Thrush | <i>Turdus philomelos</i> | | 2 | 6 | | | | | 2 | 3 | 1 | 2 | 1 | Amber, NERC | Probable |
| Starling | <i>Sturnus vulgaris</i> | 1 | | 5 | 11 | 4 | 15 | 1 | 9 | 152 | | 38 | 250 | Red, NERC | Probable |
| Stock Dove | <i>Columba oenas</i> | 1 | | | | | | 2 | | | | | 1 | Amber | Probable |
| Swallow | <i>Hirundo rustica</i> | 8 | 20 | 3 | 2 | 23 | 5 | 5 | 4 | 3 | 9 | 5 | 4 | Green | Possible |

| Species | Binomial Name | 2022 Survey Dates | | | | | | | | | | | | Species Status | Breeding Status On Site |
|----------------|--------------------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|-------------------------|
| | | 12.05 | 13.05 | 19.05 | 24.05 | 25.05 | 26.05 | 07.06 | 08.06 | 09.06 | 21.06 | 22.06 | 23.06 | | |
| Swift | <i>Apus apus</i> | 1 | | 1 | 2 | | | 5 | 2 | | | | | Red | Possible |
| Willow Warbler | <i>Phylloscopus trochilus</i> | | | | | | | | 1 | 1 | | | | Amber | Possible |
| Woodpigeon | <i>Columba palumbus</i> | 55 | 46 | 53 | 73 | 97 | 26 | 78 | 123 | 46 | 98 | 83 | 46 | Amber | Probable |
| Wren | <i>Troglodytes troglodytes</i> | | 2 | 2 | 7 | 1 | 4 | 5 | 7 | 6 | 6 | 9 | 2 | Amber | Probable |
| Yellow Wagtail | <i>Motacilla flava</i> | | | | | | | | | 1 | | | 1 | Red, NERC | Possible |
| Yellowhammer | <i>Emberiza citrinella</i> | | 1 | 4 | 4 | 1 | | | 6 | 11 | 2 | 10 | 10 | Red, NERC | Probable |



NORTH FALLS

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HARNESSING THE POWER OF NORTH SEA WIND

North Falls Offshore Wind Farm Limited

A joint venture company owned equally by SSE Renewables and RWE.

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