

6.

## COMORANT

Table 7-4 11 Cormorant Waterbird Distribution and Abundance Survey Data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CA001	Kildavin Quarry	04/10/2022	12:13	Cormorant	1	depositing/lowland rivers; flushed from river, travelling downriver	CB
CA002	Clohamon Bridge	04/10/2022	12:57	Cormorant	1	depositing/lowland rivers; travelling downriver	CB
CA003	Ballycarney Bridge	04/10/2022	13:39	Cormorant	1	depositing/lowland rivers; foraging then took off from river heading upstream	CB
CA004	Scarawalsh Bridge	04/10/2022	14:29	Cormorant	1	depositing/lowland rivers; foraging	CB
CA005	R772 bridge	02/11/2022	14:23	Cormorant	1	depositing/lowland rivers; perched on tree branch over river drying wings	CB
CA006	Ballycarney Bridge	15/11/2022	13:16	Cormorant	2	depositing/lowland rivers; travelling south, downriver	CB
CA007	Ballycarney Bridge	15/11/2022	13:17	Cormorant	5	depositing/lowland rivers; roosting, perched in tree on riverbank	CB
CA008	Bunclody	15/11/2022	14:20	Cormorant	1	depositing/lowland rivers and buildings and artificial surfaces; travelling downriver	CB
CA009	Ballycarney Bridge	29/11/2022	12:15	Cormorant	4	depositing/lowland rivers; roosting	CB
CA010	Bunclody Bridge	29/11/2022	14:22	Cormorant	1	depositing/lowland rivers; travelling downriver	CB
CA011	Kildavin Quarry	29/11/2022	14:53	Cormorant	1	depositing/lowland rivers; travelling upriver	CB
CA012	Ballycarney Bridge	13/12/2022	12:00	Cormorant	2	depositing/lowland rivers; roosting	CB
CA013	Kildavin Quarry	13/12/2022	13:49	Cormorant	3	depositing/lowland rivers; travelling downriver	CB
CA014	R772 Bridge	13/12/2022	15:55	Cormorant	1	depositing/lowland rivers; foraging	CB
CA015	River Bann Bridge	13/12/2022	16:58	Cormorant	2	depositing/lowland rivers; travelling downriver over the Slaney	CB
CA016	River Slaney Drive	13/12/2022	12:11	Cormorant	2	depositing/lowland rivers; travelling downriver	CB
CA017	Ballycarney Bridge	04/01/2023	12:08	Cormorant	3	depositing/lowland rivers; travelling downriver	CB
CA018	Ballycarney Bridge	04/01/2023	12:09	Cormorant	6	depositing/lowland rivers; roosting	CB
CA019	Bunclody Bridge	04/01/2023	13:42	Cormorant	1	depositing/lowland rivers and improved agricultural grassland; travelling	CB
CA020	Kildavin Quarry	04/01/2023	14:03	Cormorant	1	depositing/lowland rivers; foraging	CB
CA021	R772 bridge	16/01/2023	11:05	Cormorant	3	depositing/lowland rivers; 1 perched above river, 1 foraging, 1 flying over heading upriver	CB
CA022	Ballycarney Bridge	16/01/2023	12:08	Cormorant	2	depositing/lowland rivers; travelling upriver	CB



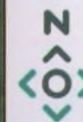
Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CA023	Ballycarney Bridge	16/01/2023	12:30	Cormorant	4	depositing/lowland rivers; roosting in tree on riverbank	CB
CA024	Kildavin Quarry	16/01/2023	14:58	Cormorant	1	depositing/lowland rivers; travelling upriver	CB
CA025	R772 Bridge	08/02/2023	12:09	Cormorant	1	depositing/lowland rivers; foraging	CB
CA026	Ballycarney Bridge	08/02/2023	12:59	Cormorant	1	depositing/lowland rivers; roosting in tree on riverbank	CB
CA027	Ballycarney Bridge	21/02/2023	13:10	Cormorant	2	depositing/lowland rivers; roosting	CB
CA028	Kildavin Quarry	21/02/2023	14:47	Cormorant	1	depositing/lowland rivers, arable crops and improved agricultural grassland; travelling upriver	CB
CA029	R772 Bridge	09/03/2023	13:35	Cormorant	2	depositing/lowland rivers; foraging	CB
CA030	Scarawalsh Bridge	09/03/2023	13:52	Cormorant	1	depositing/lowland rivers; foraging	CB
CA031	Ballycarney Bridge	09/03/2023	14:23	Cormorant	2	depositing/lowland rivers; roosting	CB
CA032	Kildavin Quarry	09/03/2023	16:00	Cormorant	1	depositing/lowland rivers, improved agricultural grassland and tilled land; travelling upriver	CB
CA033	Kildavin Quarry	09/03/2023	16:06	Cormorant	4	depositing/lowland rivers and tilled land; travelling downriver, 2 landed in river began foraging near swans	CB
CA034	R772 Bridge	23/03/2023	12:52	Cormorant	1	depositing/lowland rivers; foraging	CB
CA035	Scarawalsh Bridge	23/03/2023	13:04	Cormorant	1	depositing/lowland rivers and arable crops; travelling upriver	CB
CA036	Ballycarney Bridge	23/03/2023	13:50	Cormorant	1	depositing/lowland rivers; perched in tree on riverbank	CB
CA037	Kildavin Quarry	23/03/2023	15:07	Cormorant	3	depositing/lowland rivers; perched in tree hanging over river	CB
CA038	Ballycarney Bridge	05/04/2023	13:19	Cormorant	6	depositing/lowland rivers; roosting in tree on riverbank	CB
CA039	Clohamon Bridge	05/04/2023	14:13	Cormorant	2	depositing/lowland rivers and improved agricultural grassland; travelling downriver	CB
CA040	R772 Bridge	19/04/2023	12:18	Cormorant	1	depositing/lowland rivers; foraging	CB
CA041	Ballycarney Bridge	19/04/2023	13:40	Cormorant	1	depositing/lowland rivers; roosting, perched in tree on riverbank	CB





## Map Legend

- EIA Site Boundary
- 8km Survey Radius
- ◆ Waterbird Observation Points
- ◆ Observation



Drawing Title	
Cormorant Observations Waterbird Distribution and Abundance Surveys	
Project Title	
Proposed Extension of Life of Castledockrell Wind Farm	
Drawn By	Checked By
SA	PM
Project No.	Fig.
210847	Fig. 7-4-11
Scale	Date
1:130,000	12/02/2024



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## GREY HERON

Table 7-4 12 Grey Heron Vantage Point Survey Data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-49m)	Band 3 (49-120m)	Band 4 (>200m)	Habitat and activity	Surveyor
H.001	VP2	22/05/2023	20:36	Grey Heron	1	38	38	38	0	0	improved agricultural grassland; flying	KW

Table 7-4 13 Grey Heron Waterbird Distribution and Abundance Survey Data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
H.001	Kildavin Quarry	04/10/2022	12:02	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.002	Clohamon Bridge	04/10/2022	12:54	Grey Heron	3	depositing/lowland rivers and improved agricultural grassland; 2 foraging, 1 standing in sheep field beside river	CB
H.003	Ballycarney	04/10/2022	13:38	Grey Heron	1	depositing/lowland rivers; standing on riverbank	CB
H.004	Scarawalsh Bridge	04/10/2022	14:00	Grey Heron	1	improved agricultural grassland and depositing/lowland rivers; standing idle in field	CB
H.005	Scarawalsh Bridge	04/10/2022	14:24	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.006	R772 Bridge	04/10/2022	14:45	Grey Heron	1	depositing/lowland rivers; travelling downriver	CB
H.007	River Urrin Killealy	04/10/2022	15:42	Grey Heron	1	eroding/upland rivers; flushed downstream	CB
H.008	R772 Bridge	20/10/2022	11:30	Grey Heron	1	depositing/lowland rivers; perched in tree on riverbank	CB
H.009	Ballycarney Bridge	20/10/2022	12:15	Grey Heron	2	depositing/lowland rivers; idle	CB
H.010	Clohamon Bridge	20/10/2022	12:30	Grey Heron	4	improved agricultural grassland and depositing/lowland rivers; roosting	CB
H.011	Bunclody Bridge	20/10/2022	13:08	Grey Heron	1	depositing/lowland rivers and riparian woodland; foraging	CB
H.012	R772 bridge	02/11/2022	14:24	Grey Heron	1	wet grassland and depositing/lowland rivers; idle	CB
H.013	Clohamon Bridge	02/11/2022	15:33	Grey Heron	2	wet grassland and depositing/lowland rivers; idle	CB
H.014	Bunclody Bridge	02/11/2022	15:47	Grey Heron	1	depositing/lowland rivers; perched in tree over river	CB
H.015	R772 Bridge	15/11/2022	12:06	Grey Heron	1	improved agricultural grassland, wet grassland and depositing/lowland rivers; idle	CB
H.016	Clohamon Bridge	15/11/2022	13:47	Grey Heron	2	depositing/lowland rivers; foraging	CB
H.017	Clohamon	15/11/2022	15:02	Grey Heron	6	wet grassland and depositing/lowland rivers; roosting	CB
H.018	R772 Bridge	29/11/2022	11:27	Grey Heron	1	depositing/lowland rivers; perched on branch just above river	CB
H.019	R772 Bridge	29/11/2022	11:28	Grey Heron	1	improved agricultural grassland; idle on ground in field of sheep	CB



Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
H.020	Scarawalsh Bridge	29/11/2022	11:29	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.021	River Slaney Drive	29/11/2022	11:58	Grey Heron	1	improved agricultural grassland, wet grassland and depositing/lowland rivers; idle in flooded field	CB
H.022	River Slaney Drive	29/11/2022	12:26	Grey Heron	1	arable crops, improved agricultural grassland and depositing/lowland rivers; idle in field next to river	CB
H.023	Clohamon Bridge	29/11/2022	12:51	Grey Heron	6	improved agricultural grassland and depositing/lowland rivers; roosting	CB
H.024	Clohamon	29/11/2022	13:01	Grey Heron	5	arable crops, improved agricultural grassland and depositing/lowland rivers; roosting	CB
H.025	Bunclody Bridge	29/11/2022	14:20	Grey Heron	1	depositing/lowland rivers and riparian woodland; perched on branch overhanging river	CB
H.026	Kildavin Quarry	29/11/2022	14:44	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.027	Kildavin Quarry	29/11/2022	14:52	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.028	Clohamon Bridge	13/12/2022	12:30	Grey Heron	4	depositing/lowland rivers; foraging	CB
H.029	Clohamon Bridge	13/12/2022	12:42	Grey Heron	8	improved agricultural grassland and depositing/lowland rivers; roosting	CB
H.030	Bunclody Bridge	13/12/2022	13:00	Grey Heron	1	depositing/lowland rivers and improved agricultural grassland; foraging	CB
H.031	Kildavin Quarry	13/12/2022	13:47	Grey Heron	1	depositing/lowland rivers; preening	CB
H.032	River Bann	04/01/2023	11:18	Grey Heron	1	depositing/lowland rivers; flushed	CB
H.033	R772 Bridge	04/01/2023	11:19	Grey Heron	1	depositing/lowland rivers; perched	CB
H.034	River Slaney Drive	04/01/2023	11:53	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.035	Clohamon Bridge	04/01/2023	12:47	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.036	Clohamon	04/01/2023	13:07	Grey Heron	5	improved agricultural grassland and depositing/lowland rivers; roosting	CB
H.037	River Urrin Mcurry	04/01/2023	14:37	Grey Heron	1	depositing/lowland rivers; flushed	CB
H.038	River Bann Bridge	16/01/2023	11:03	Grey Heron	1	depositing/lowland rivers; perched on branch above river	CB
H.039	Clohamon Bridge	16/01/2023	13:45	Grey Heron	2	depositing/lowland rivers; preening	CB
H.040	Clohamon	16/01/2023	13:46	Grey Heron	10	improved agricultural grassland and depositing/lowland rivers; roosting	CB
H.041	Bunclody Bridge	16/01/2023	14:17	Grey Heron	3	improved agricultural grassland and depositing/lowland rivers; roosting	CB
H.042	Kildavin Quarry	08/02/2023	14:42	Grey Heron	1	depositing/lowland rivers; foraging	CB



Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
H.043	Clohamon Bridge	08/02/2023	13:20	Grey Heron	2	depositing/lowland rivers; foraging	CB
H.044	Kildavin Quarry	08/02/2023	14:55	Grey Heron	1	depositing/lowland rivers; preening	CB
H.045	R772 Bridge	21/02/2023	12:28	Grey Heron	1	depositing/lowland rivers; flushed from ground to perch in nearby tree	CB
H.046	Bunclody Bridge	21/02/2023	14:27	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.047	River Bann Bridge	09/03/2023	13:33	Grey Heron	1	depositing/lowland rivers; travelling downstream	CB
H.048	Clohamon	09/03/2023	15:01	Grey Heron	3	improved agricultural grassland and depositing/lowland rivers; roosting	CB
H.049	Kildavin Quarry	09/03/2023	15:58	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.050	Kildavin Quarry	09/03/2023	15:58	Grey Heron	2	tilled land; foraging	CB
H.051	River Urrin Mocurry	09/03/2023	16:37	Grey Heron	1	eroding/upland rivers; flushed downriver	CB
H.052	River Bann Bridge	23/03/2023	12:50	Grey Heron	1	depositing/lowland rivers and tilled land; travelling downstream	CB
H.053	R772 Bridge	23/03/2023	12:51	Grey Heron	1	improved agricultural grassland and depositing/lowland rivers; foraging in flooded parts of field	CB
H.054	Ballycarney Bridge	23/03/2023	13:33	Grey Heron	2	tilled land and depositing/lowland rivers; travelling	CB
H.055	Ballycarney Bridge	23/03/2023	13:49	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.056	R772 Bridge	05/04/2023	12:32	Grey Heron	1	tilled land and depositing/lowland rivers; travelling across field to river Bann	CB
H.057	River Slaney Drive	05/04/2023	12:59	Grey Heron	2	improved agricultural grassland; roosting	CB
H.058	Ballycarney Bridge	05/04/2023	13:19	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.059	Clohamon Bridge	05/04/2023	14:12	Grey Heron	2	depositing/lowland rivers and improved agricultural grassland; foraging	CB
H.060	Kildavin Quarry	05/04/2023	15:23	Grey Heron	2	improved agricultural grassland and hedgerows; travelling upriver	CB
H.061	River Slaney Drive	19/04/2023	13:16	Grey Heron	1	arable crops; roosting, immature	CB
H.062	Clohamon Bridge	19/04/2023	13:53	Grey Heron	1	depositing/lowland rivers; travelling upriver	CB
H.063	River Slaney Drive	04/05/2023	12:43	Grey Heron	1	cultivated land; roosting at edge of flooded bit of field, immature	CB
H.064	Ballycarney Bridge	04/05/2023	12:57	Grey Heron	1	depositing/lowland rivers; preening	CB
H.065	Clohamon Bridge	04/05/2023	13:19	Grey Heron	4	depositing/lowland rivers, improved agricultural grassland and amenity grassland (improved); foraging	CB
H.066	Clohamon	04/05/2023	13:33	Grey Heron	1	improved agricultural grassland; idle in sheep field	CB
H.067	Bunclody Bridge	04/05/2023	13:48	Grey Heron	1	depositing/lowland rivers; travelling away from river over trees	CB



Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
H.068	River Urrin Mcurry	04/05/2023	14:37	Grey Heron	1	eroding/upland rivers; preening	CB
H.069	Scarawalsh Bridge	19/05/2023	11:26	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.070	Ballycarney Bridge	19/05/2023	11:59	Grey Heron	1	depositing/lowland rivers; foraging	CB
H.071	Clohamon Bridge	19/05/2023	12:18	Grey Heron	3	improved agricultural grassland; foraging in manure pile in sheep field	CB
H.072	Bunclody Bridge	19/05/2023	12:44	Grey Heron	1	improved agricultural grassland; foraging in field	CB
H.073	Kildavin Quarry	19/05/2023	13:07	Grey Heron	1	depositing/lowland rivers; travelling downriver	CB





# Map Legend

- EIA Site Boundary
- 500m Radius of Turbines
- VP Locations
- Turbine Locations
- Observation



Drawing Title  
Grey Heron Observations Vantage Point Surveys

Project Title  
Proposed Extension of Life of Castledockrell Wind Farm

Drawn By	SA	Checked By	PM
Project No.	210847	Fig.	Fig. 7-4-12
Scale	1:20,000	Date	12/02/2024


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## Map Legend

- EIA Site Boundary
- 8km Survey Radius
- ◆ Waterbird Observation Points
- ◆ Observation



Drawing Title	
Grey Heron Observations Waterbird Distribution and Abundance Surveys	
Project Title	
Proposed Extension of Life of Castledockrell Wind Farm	
Drawn By	Checked By
SA	PM
Project No.	Fig.
210847	Fig. 7-4-13
Scale	Date
1:105,000	12/02/2024



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8.

## LAPWING

Table 7-4: 14 Lapwing Waterbird Distribution and Abundance Survey Data

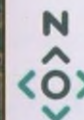
Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
L.001	Clohamon	15/11/2022	15:01	Lapwing	14	wet grassland and depositing/lowland rivers; foraging in flooded field	CB
L.002	Clohamon	29/11/2022	13:16	Lapwing	44	arable crops, improved agricultural grassland and depositing/lowland rivers; foraging in flooded part of field	CB
L.003	R772 Bridge	13/12/2022	15:53	Lapwing	8	improved agricultural grassland and depositing/lowland rivers; foraging	CB
L.004	Clohamon	04/01/2023	13:06	Lapwing	24	improved agricultural grassland, depositing/lowland rivers and arable crops; foraging, maybe more, flock concealed by ridge / dip in field	CB
L.005	River Slaney Drive	16/01/2023	12:06	Lapwing	6	improved agricultural grassland, wet grassland and depositing/lowland rivers; foraging	CB
L.006	Clohamon	16/01/2023	13:46	Lapwing	1	wet grassland, improved agricultural grassland and depositing/lowland rivers; idle	CB
L.007	Clohamon	08/02/2023	13:20	Lapwing	359	improved agricultural grassland and depositing/lowland rivers; roosting in field	CB





# Map Legend

- EIA Site Boundary
- 8km Survey Radius
- Waterbird Observation Points
- Observation



Drawing Title	
Lapwing Observations Waterbird Distribution and Abundance Surveys	
Project Title	
Proposed Extension of Life of Castledockrell Wind Farm	
Drawn By	Checked By
SA	PM
Project No.	Fig.
210847	Fig. 7-4-14
Scale	Date
1:105,000	12/02/2024



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9.

## LESSER BLACK-BACKED GULL

Table 7-4 15 Lesser Black-backed Gull Vantage Point Survey Data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-49m)	Band 3 (49-120m)	Band 4 (>200m)	Habitat and activity	Surveyor
LB001	VP1	25/10/2022	08:11	Lesser Black-backed Gull	10	140	0	0	140	0	improved agricultural grassland and arable crops; travelling	CB
LB002	VP1	25/10/2022	08:36	Lesser Black-backed Gull	16	380	30	150	200	0	improved agricultural grassland, arable crops and hedgerows; travelling, most went to ground in field, some continued on northwest	CB
LB003	VP1	25/10/2022	08:53	Lesser Black-backed Gull	17	135	25	100	10	0	improved agricultural grassland, arable crops and hedgerows; took off from ground in field, travelling northwest	CB
LB004	VP1	25/10/2022	09:30	Lesser Black-backed Gull	1	85	0	45	40	0	improved agricultural grassland and arable crops; travelling	CB
LB005	VP1	25/10/2022	09:32	Lesser Black-backed Gull	13	215	110	105	0	0	improved agricultural grassland; travelling southeast	CB
LB006	VP1	25/10/2022	11:40	Lesser Black-backed Gull	1	50	0	50	0	0	improved agricultural grassland; travelling, likely lb, maybe herring gull	CB
LB007	VP1	25/10/2022	12:19	Lesser Black-backed Gull	6	245	15	200	30	0	improved agricultural grassland; travelling	CB
LB008	VP1	25/10/2022	13:09	Lesser Black-backed Gull	1	45	25	20	0	0	improved agricultural grassland; travelling	CB
LB009	VP2	27/10/2022	13:35	Lesser Black-backed Gull	1	210	100	110	0	0	improved agricultural grassland; travelling, behind viewshed	CB
LB010	VP2	04/11/2022	12:41	Lesser Black-backed Gull	5	368	0	0	184	184	improved agricultural grassland and hedgerows; soaring / travelling	CB
LB011	VP2	04/11/2022	13:46	Lesser Black-backed Gull	31	240	20	90	90	40	improved agricultural grassland; took off from ground in field, travelling, potentially flushed by buzzard spotted shortly after	CB
LB012	VP2	04/11/2022	16:40	Lesser Black-backed Gull	1	230	0	0	0	230	improved agricultural grassland and tilled land; travelling south	CB
LB013	VP2	21/12/2022	09:38	Lesser Black-backed Gull	1	20	20	0	0	0	improved agricultural grassland, hedgerows and tilled land; travelling	CB



Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-49m)	Band 3 (49-120m)	Band 4 (>200m)	Habitat and activity	Surveyor
LB014	VP2	21/12/2022	09:53	Lesser Black-backed Gull	2	55	50	5	0	0	improved agricultural grassland and hedgerows; travelling	CB
LB015	VP1	06/01/2023	11:40	Lesser Black-backed Gull	3	175	0	175	0	0	improved agricultural grassland; travelling west	CB
LB016	VP1	06/01/2023	11:50	Lesser Black-backed Gull	1	110	20	70	20	0	improved agricultural grassland and hedgerows; travelling	CB
LB017	VP2	11/01/2023	13:01	Lesser Black-backed Gull	2	80	60	20	0	0	improved agricultural grassland and tilled land; travelling	CB
LB018	VP2	11/01/2023	15:20	Lesser Black-backed Gull	35	185	0	105	80	0	improved agricultural grassland and tilled land; travelling east	CB
LB019	VP1	09/02/2023	08:25	Lesser Black-backed Gull	73	200	100	100	0	0	improved agricultural grassland and hedgerows; travelling w, majority of flock travelling up through fields, behind viewshed, only a couple of birds actually in viewshed, none on site	CB
LB020	VP1	09/02/2023	08:38	Lesser Black-backed Gull	7	120	70	50	0	0	improved agricultural grassland, hedgerows and tilled land; travelling west	CB
LB021	VP1	09/02/2023	09:11	Lesser Black-backed Gull	27	105	15	90	0	0	improved agricultural grassland and hedgerows; travelling east	CB
LB022	VP1	09/02/2023	09:14	Lesser Black-backed Gull	19	45	5	40	0	0	improved agricultural grassland and hedgerows; travelling east	CB
LB023	VP1	09/02/2023	11:02	Lesser Black-backed Gull	26	260	220	40	0	0	improved agricultural grassland and hedgerows; circling low over fields	CB
LB024	VP1	09/02/2023	11:07	Lesser Black-backed Gull	1	85	40	45	0	0	improved agricultural grassland and hedgerows; travelling north	CB
LB025	VP1	09/02/2023	12:13	Lesser Black-backed Gull	1	250	50	200	0	0	improved agricultural grassland and hedgerows; travelling	CB
LB026	VP1	09/02/2023	13:05	Lesser Black-backed Gull	71	1080	80	400	400	200	improved agricultural grassland; soaring, circling, max count ~71, not that many birds present for full 18 mins	CB
LB027	VP2	16/02/2023	09:40	Lesser Black-backed Gull	16	130	0	60	70	0	improved agricultural grassland and hedgerows; circling over fields	CB



Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-49m)	Band 3 (49-120m)	Band 4 (>200m)	Habitat and activity	Surveyor
LB028	VP1	28/04/2023	09:01	Lesser Black-backed Gull	1	50	0	50	0	0	improved agricultural grassland, hedgerows and cultivated land; travelling	CB
LB029	VP2	22/05/2023	18:22	Lesser Black-backed Gull	5	201	0	0	201	0	improved agricultural grassland; soaring	KW
LB030	VP1	29/05/2023	16:58	Lesser Black-backed Gull	1	94	0	94	0	0	improved agricultural grassland; flying	KW
LB031	VP1	24/07/2023	16:48	Lesser Black-backed Gull	9	136	0	136	0	0	improved agricultural grassland; flying	KW
LB032	VP1	03/08/2023	12:40	Lesser Black-backed Gull	1	90	0	0	30	60	improved agricultural grassland, arable crops and hedgerows; travelling southwest	CB
LB033	VP1	03/08/2023	15:16	Lesser Black-backed Gull	1	200	0	0	80	120	improved agricultural grassland, arable crops and hedgerows; gliding / travelling south, could've been herring gull distant silhouette	CB
LB034	VP1	14/09/2023	07:34	Lesser Black-backed Gull	9	135	0	120	15	0	improved agricultural grassland, hedgerows and arable crops; travelling	CB
LB035	VP1	14/09/2023	07:36	Lesser Black-backed Gull	6	145	0	120	25	0	improved agricultural grassland, hedgerows and arable crops; travelling	CB
LB036	VP1	14/09/2023	07:49	Lesser Black-backed Gull	2	85	5	80	0	0	improved agricultural grassland, hedgerows and arable crops; travelling	CB
LB037	VP1	14/09/2023	07:58	Lesser Black-backed Gull	1	105	15	90	0	0	improved agricultural grassland, hedgerows and arable crops; travelling	CB
LB038	VP1	14/09/2023	11:18	Lesser Black-backed Gull	3	110	0	80	30	0	improved agricultural grassland, arable crops and hedgerows; travelling / circling	CB
LB039	VP2	28/09/2023	09:59	Lesser Black-backed Gull	1	75	35	40	0	0	arable crops, hedgerows and improved agricultural grassland; travelling	CB



Table 7-4- 16 Lesser Black-backed Gull Winter Walkover Survey Data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
LB001	18/10/2022	13:05	Lesser Black-backed Gull	1	improved agricultural grassland; travelling (flyover; non-breeding)	CB
LB002	18/10/2022	14:14	Lesser Black-backed Gull	13	improved agricultural grassland; foraging on ground in field (wintering)	CB
LB003	01/12/2022	12:18	Lesser Black-backed Gull	32	improved agricultural grassland; flushed up from foraging on ground in field (wintering)	CB
LB004	01/12/2022	12:41	Lesser Black-backed Gull	12	improved agricultural grassland; foraging on ground in field (wintering)	CB
LB005	01/12/2022	12:47	Lesser Black-backed Gull	71	improved agricultural grassland; roosting (wintering)	CB
LB006	01/12/2022	12:56	Lesser Black-backed Gull	15	improved agricultural grassland; roosting (wintering)	CB
LB007	01/12/2022	13:10	Lesser Black-backed Gull	34	improved agricultural grassland; travelling west (wintering)	CB
LB008	01/12/2022	13:21	Lesser Black-backed Gull	9	improved agricultural grassland; roosting (wintering)	CB
LB009	01/12/2022	13:30	Lesser Black-backed Gull	4	improved agricultural grassland; travelling east (wintering)	CB
LB010	01/12/2022	13:30	Lesser Black-backed Gull	18	improved agricultural grassland, tilled land and arable crops; foraging on ground in field (wintering)	CB
LB011	01/12/2022	14:33	Lesser Black-backed Gull	11	improved agricultural grassland and arable crops; travelling northeast (wintering)	CB
LB012	01/12/2022	15:26	Lesser Black-backed Gull	23	tilled land and improved agricultural grassland; roosting (wintering)	CB
LB013	05/01/2023	11:25	Lesser Black-backed Gull	1	improved agricultural grassland; travelling (flyover; non-breeding)	CB
LB014	02/03/2023	15:10	Lesser Black-backed Gull	2	improved agricultural grassland; foraging on ground (wintering)	CB



Table 7-4 17 Lesser Black-backed Gull Breeding Walkover Survey Data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
LB001	17/04/2023	14:31	Lesser Black-backed Gull	2	improved agricultural grassland, hedgerows and cultivated land; travelling south (flyover; non-breeding)	CB
LB002	17/04/2023	14:31	Lesser Black-backed Gull	2	improved agricultural grassland, cultivated land and hedgerows; circling over fields, calling (flyover; non-breeding)	CB
LB003	15/06/2023	16:45	Lesser Black-backed Gull	1	improved agricultural grassland and hedgerows; travelling east (flyover; non-breeding)	CB
LB004	15/06/2023	18:33	Lesser Black-backed Gull	1	arable crops, hedgerows and improved agricultural grassland; travelling (flyover; non-breeding)	CB
LB005	12/07/2023	11:30	Lesser Black-backed Gull	4	improved agricultural grassland, arable crops and hedgerows; travelling / circling over fields (flyover; non-breeding)	CB
LB006	12/07/2023	11:44	Lesser Black-backed Gull	3	improved agricultural grassland and hedgerows; travelling north (flyover; non-breeding)	CB
LB007	12/07/2023	12:00	Lesser Black-backed Gull	1	improved agricultural grassland and hedgerows; travelling northwest (flyover; non-breeding)	CB
LB008	12/07/2023	12:25	Lesser Black-backed Gull	1	improved agricultural grassland, arable crops and hedgerows; travelling northwest, almost flew underneath where kestrel was hovering at one point (flyover; non-breeding)	CB
LB009	12/07/2023	13:16	Lesser Black-backed Gull	1	improved agricultural grassland, hedgerows and arable crops; travelling northwest (flyover; non-breeding)	CB



Table 7-4- 18 Lesser Black-backed Gull Waterbird Distribution and Abundance Survey Data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB001	Kildavin Quarry	20/10/2022	14:00	Lesser Black-backed Gull	11	depositing/lowland rivers, improved agricultural grassland and other artificial lakes and ponds; flying over, travelling	CB
LB002	Kildavin Quarry	02/11/2022	16:01	Lesser Black-backed Gull	14	improved agricultural grassland, depositing/lowland rivers and other artificial lakes and ponds; travelling, circling over quarry lakes	CB
LB003	Scarawalsh Bridge	15/11/2022	12:09	Lesser Black-backed Gull	2	depositing/lowland rivers and improved agricultural grassland; travelling	CB
LB004	River Slaney Drive	15/11/2022	13:34	Lesser Black-backed Gull	200	tiled land and depositing/lowland rivers; circling over ploughed field / travelling towards river	CB
LB005	Clohamon Bridge	15/11/2022	13:50	Lesser Black-backed Gull	25	improved agricultural grassland and depositing/lowland rivers; roosting, potentially some double counted birds arriving from large flock seen just down the road earlier	CB
LB006	Clohamon	29/11/2022	13:17	Lesser Black-backed Gull	16	improved agricultural grassland and depositing/lowland rivers; roosting	CB
LB007	Bunclody Bridge	29/11/2022	14:22	Lesser Black-backed Gull	2	depositing/lowland rivers; flying over	CB
LB008	Clohamon Bridge	13/12/2022	12:40	Lesser Black-backed Gull	2	improved agricultural grassland and depositing/lowland rivers; roosting	CB
LB009	Kildavin Quarry	13/12/2022	13:50	Lesser Black-backed Gull	1	depositing/lowland rivers, active quarries and mines and improved agricultural grassland; travelling, went to ground somewhere in quarry	CB
LB010	Scarawalsh Bridge	04/01/2023	11:30	Lesser Black-backed Gull	1	depositing/lowland rivers, improved agricultural grassland and arable crops; travelling upriver	CB
LB011	Clohamon	04/01/2023	13:09	Lesser Black-backed Gull	3	improved agricultural grassland and depositing/lowland rivers; foraging	CB
LB012	Bunclody Bridge	04/01/2023	13:43	Lesser Black-backed Gull	2	improved agricultural grassland and depositing/lowland rivers; travelling	CB
LB013	Clohamon	16/01/2023	13:47	Lesser Black-backed Gull	3	improved agricultural grassland, depositing/lowland rivers and buildings and artificial surfaces; circling around fields / over factory	CB
LB014	Kildavin Quarry	16/01/2023	14:59	Lesser Black-backed Gull	2	depositing/lowland rivers, improved agricultural grassland and arable crops; travelling upriver	CB
LB015	Clohamon	08/02/2023	13:23	Lesser Black-backed Gull	2	improved agricultural grassland, depositing/lowland rivers and buildings and artificial surfaces; circling around meat plant	CB
LB016	Clohamon	21/02/2023	13:47	Lesser Black-backed Gull	4	improved agricultural grassland, depositing/lowland rivers and buildings and artificial surfaces; circling around meat factory, calling on ground in field	CB



Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB017	R772 Bridge	09/03/2023	13:39	Lesser Black-backed Gull	20	improved agricultural grassland and depositing/lowland rivers; travelling upriver	CB
LB018	Clohamon Bridge	09/03/2023	14:45	Lesser Black-backed Gull	2	improved agricultural grassland, depositing/lowland rivers and buildings and artificial surfaces; circling over fields and meat factory	CB
LB019	Monart	23/03/2023	16:09	Lesser Black-backed Gull	15	improved agricultural grassland; foraging on ground in wet sheep field	CB
LB020	River Slaney Drive	05/04/2023	12:58	Lesser Black-backed Gull	31	improved agricultural grassland; roosting	CB
LB021	Ballycarney Bridge	05/04/2023	13:18	Lesser Black-backed Gull	2	depositing/lowland rivers; travelling downriver	CB
LB022	Clohamon	05/04/2023	14:25	Lesser Black-backed Gull	3	improved agricultural grassland, buildings and artificial surfaces and depositing/lowland rivers; circling around meat factory	CB
LB023	Monart	05/04/2023	16:35	Lesser Black-backed Gull	20	improved agricultural grassland; foraging on ground	CB
LB024	River Bann Bridge	19/04/2023	12:16	Lesser Black-backed Gull	20	improved agricultural grassland, cultivated land and depositing/lowland rivers; circling over river and agricultural fields, headed south	CB
LB025	River Slaney Drive	19/04/2023	13:15	Lesser Black-backed Gull	8	tilled land; foraging on ground	CB
LB026	River Slaney Drive	19/04/2023	13:18	Lesser Black-backed Gull	9	arable crops; foraging in flooded part of field	CB
LB027	Clohamon Bridge	19/04/2023	13:54	Lesser Black-backed Gull	3	arable crops, buildings and artificial surfaces and depositing/lowland rivers; circling over field and river around meat factory	CB
LB028	Clohamon Bridge	04/05/2023	13:20	Lesser Black-backed Gull	5	improved agricultural grassland, depositing/lowland rivers and buildings and artificial surfaces; circling over fields and river around meat plant	CB
LB029	River Slaney Drive	19/05/2023	11:43	Lesser Black-backed Gull	1	arable crops; foraging in flooded part of field	CB
LB030	Clohamon Bridge	19/05/2023	12:22	Lesser Black-backed Gull	6	buildings and artificial surfaces and improved agricultural grassland; circling over meat factory	CB
LB031	Kildavin Quarry	19/05/2023	13:10	Lesser Black-backed Gull	1	depositing/lowland rivers; travelling upriver	CB



Table 7-4 19 Lesser Black-backed Gull Incidental Records Data

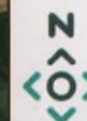
Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB001	Breeding Raptor Survey; BRVP4	05/05/2023	15:59	Lesser Black-Backed Gull	1	arable crops, improved agricultural grassland and hedgerows; circling over agricultural fields	CB
LB002	Breeding Raptor Survey; BRVP6	08/05/2023	17:58	Lesser Black-Backed Gull	6	improved agricultural grassland and hedgerows; travelling southeast	CB
LB003	Breeding Raptor Survey; BRVP1	05/07/2023	11:30	Lesser Black-Backed Gull	5	improved agricultural grassland and tilled land; foraging	CB
LB004	Breeding Red Grouse Survey; BRVP3	06/07/2023	13:24	Lesser Black-Backed Gull	1	improved agricultural grassland, hedgerows and arable crops; travelling	CB
LB005	Breeding Raptor Survey; BRVP5	07/07/2023	11:49	Lesser Black-Backed Gull	2	improved agricultural grassland, arable crops and hedgerows; soaring / circling over fields	CB
LB006	Breeding Raptor Survey; BRVP5	07/07/2023	12:52	Lesser Black-Backed Gull	1	improved agricultural grassland, hedgerows and arable crops; circling / travelling	CB
LB007	Breeding Raptor Survey; BRVP5	07/07/2023	14:19	Lesser Black-Backed Gull	1	improved agricultural grassland, hedgerows and arable crops; travelling south	CB
LB008	Breeding Raptor Survey; BRVP6	07/07/2023	14:43	Lesser Black-Backed Gull	2	improved agricultural grassland and hedgerows; soaring / circling over fields	CB
LB009	Breeding Raptor Survey; BRVP6	07/07/2023	14:46	Lesser Black-Backed Gull	1	improved agricultural grassland and hedgerows; travelling	CB
LB010	Breeding Raptor Survey; BRVP6	07/07/2023	17:21	Lesser Black-Backed Gull	3	improved agricultural grassland, hedgerows and highly modified/non-native woodland; travelling	CB





# Map Legend

- EIA Site Boundary
- 500m Radius of Turbines
- ▲ VP Locations
- Turbine Locations
- Observation



Drawing Title	
Lesser Black-backed Gull Observations Vantage Point Surveys	
Project Title	
Proposed Extension of Life of Castledockrell Wind Farm	
Drawn By	Checked By
SA	PM
Project No.	Fig.
210847	Fig. 7-4-15
Scale	Date
1:20,000	12/02/2024

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# Map Legend

- EIA Site Boundary
- 500m Radius of Turbines
- Turbine Locations
- Observation



Drawing Title	
Lesser Black-backed Gull Observations Winter Walkover Surveys	
Project Title	
Proposed Extension of Life of Castledockrell Wind Farm	
Drawn By	Checked By
SA	PM
Project No.	Fig.
210847	Fig. 7-4-16
Scale	Date
1:15,000	12/02/2024



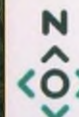
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# Map Legend

- EIA Site Boundary
- 500m Radius of Turbines
- Turbine Locations
- Observation

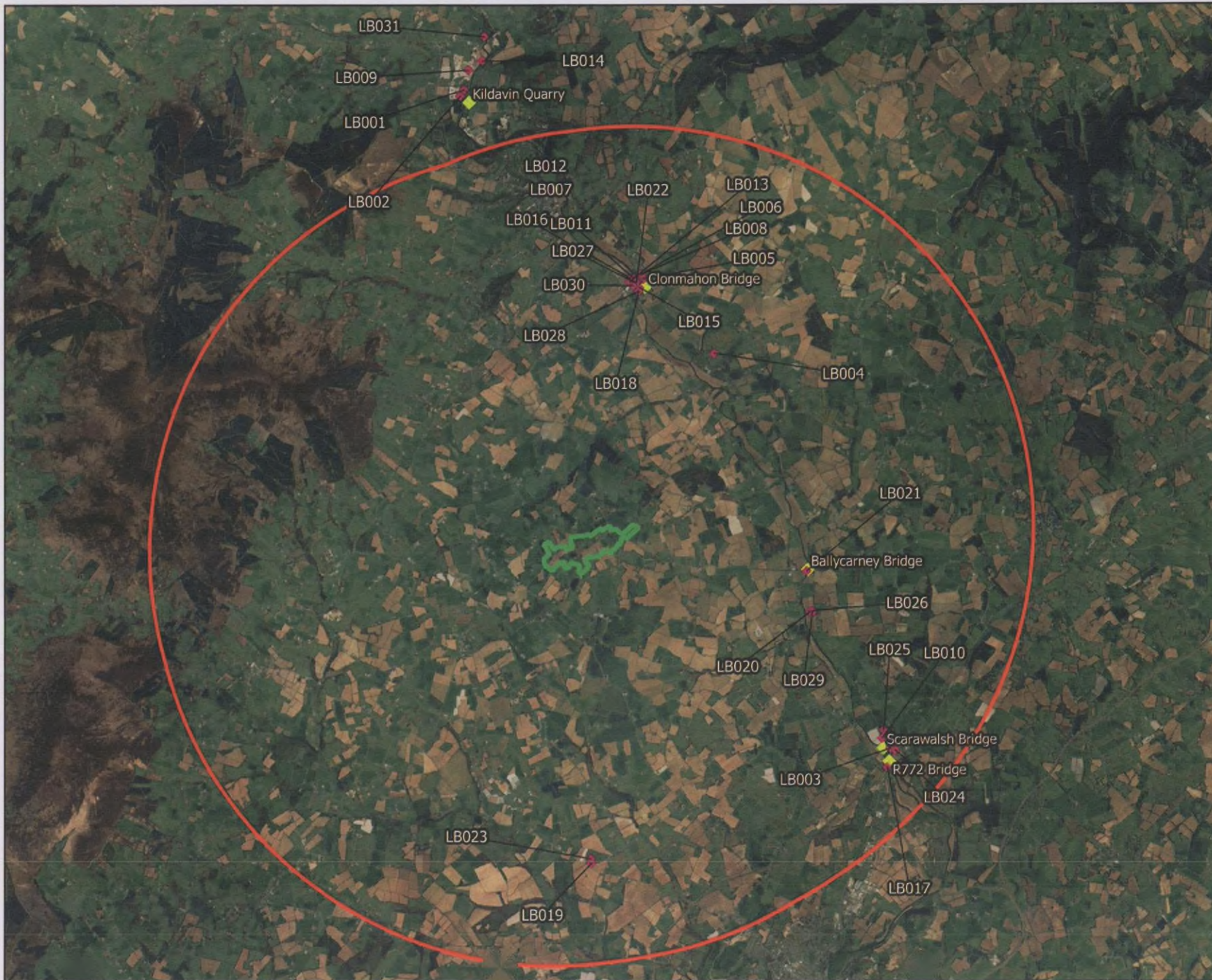


Drawing Title	
Lesser Black-backed Gull Observations Breeding Walkover Surveys	
Project Title	
Proposed Extension of Life of Castledockrell Wind Farm	
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210847	Fig. 7-4-17
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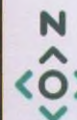
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# Map Legend

- EIA Site Boundary
- 8km Survey Radius
- ◆ Waterbird Observation Points
- ◆ Observation



Drawing Title  
**Lesser Black-backed Gull Observations  
 Waterbird Distribution and Abundance  
 Surveys**

Project Title  
**Proposed Extension of Life of  
 Castledockrell Wind Farm**

Drawn By	SA	Checked by	PM
Project No.	210847	Fig.	Fig. 7-4-18
Scale	1:105,000	Date	12/02/2024






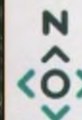
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# Map Legend

-  EIA Site Boundary
-  8km Survey Radius
-  Observation



Drawing Title	
Lesser Black-backed Gull Incidental Observations	
Project Title	
Proposed Extension of Life of Castledockrell Wind Farm	
Drawn By	Checked By
SA	PM
Project No.	Fig.
210847	Fig. 7-4-19
Scale	Date
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