APPENDIX 2

BIRD SURVEY EFFORT

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1. SURVEY EFFORT

Table 7 - 1 - 1 Vantage point survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
27/05/2021	Vantage Point Survey	VP1	1:00 starting at 04:30	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CD
27/05/2021	Vantage Point Survey	VP1	1:00 starting at 05:30	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CD
27/05/2021	Vantage Point Survey	VP1	1:00 starting at 06:30	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CD
27/05/2021	Vantage Point Survey	VP1	1:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CD
27/05/2021	Vantage Point Survey	VP1	1:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		CD
27/05/2021	Vantage Point Survey	VP1	1:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CD
28/05/2021	Vantage Point Survey	VP2	1:00 starting at 04:30	Visibility: poor; Wind speed and direction: light air N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		CD
28/05/2021	Vantage Point Survey	VP2	1:00 starting at 05:30	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CD
28/05/2021	Vantage Point Survey	VP2	1:00 starting at 06:30	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CD
28/05/2021	Vantage Point Survey	VP2	1:00 starting at 11:20	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CD
28/05/2021	Vantage Point Survey	VP2	1:00 starting at 12:20	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CD

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
28/05/2021	Vantage Point Survey	VP2	1:00 starting at 13:20	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CD
11/06/2021	Vantage Point Survey	VP2	3:00 starting at 09:30	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Fresh SW breeze - made it feel colder (13 - 15˚C). Scattered showers of drizzle and turbulent rain blowing in with the wind but largely clear. Consistent meadow pipit activity in open grassland and bog just below VP location (immediately N) - calling, chasing and parachuting over open areas.	NM
11/06/2021	Vantage Point Survey	VP2	3:15 starting at 13:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Similar conditions continued with sporadic blustery showers.	NM
17/06/2021	Vantage Point Survey	VP1	1:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CD
17/06/2021	Vantage Point Survey	VP1	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CD
17/06/2021	Vantage Point Survey	VP1	1:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CD
17/06/2021	Vantage Point Survey	VP1	1:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		CD
16/07/2021	Vantage Point Survey	VP1	3:00 starting at 07:30	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Relatively cool to start with but heating up rapidly burning off any misty and hazy cloud which existed overhead. Very hot day with barely a cloud in the sky - VP location was sheltered => extremely hot and oppressive (12 - 26˚). Almost no wind at all. Heat haze was apparent at distance. Very quiet in terms of bird activity.	NM
16/07/2021	Vantage Point Survey	VP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Coolness of early morning was rapidly replaced by searing heat. Almost no wind at all - dead heat with plaguing insects. Very quiet in terms of bird activity	NM
17/07/2021	Vantage Point Survey	VP2	3:00 starting at 08:00	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Cool to start off with but rapidly increasing in temperature. By 8am it was already very hot and bright with a clear blue sky and no clouds (13 - 28˚C).	NM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
					The VP location was reasonably exposed with meant that occasional light gusts of wind made it slightly bearable, but these light gusts were few and far between. Heat haze apparent at distance.	
17/07/2021	Vantage Point Survey	VP2	3:15 starting at 11:30	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Wind completely disappeared leaving dead heat.	NM
21/07/2021	Vantage Point Survey	VP1	3:00 starting at 16:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	April VP, Dusk VP. Very warm and clear throughout survey (17 - 29°C), with very light W breeze which emerged with occasional fresher gusts (but never very strong). Occasional clouds scudding across sky which gave a brief respite from the heat.	NM
21/07/2021	Vantage Point Survey	VP1	3:25 starting at 19:20	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	April VP, became cooler towards sunset - only started to become cooler at 20:30, remnants of sun's heat continued well into evening. Hazy clouds emerged at sunset which caused a hazy sunset purple sunset. Cooler and calmer after sunset.	NM
28/07/2021	Vantage Point Survey	VP2	3:00 starting at 15:00	Visibility: poor; Wind speed and direction: gentle breeze NE; Cloud cover and height: 33-66% 150-500m; Rain: persistent; Frost: none; Snow: none	April VP. Persistent rain throughout survey. Occasional brief stoppage but very much relentless and without mercy (11 - 16°C)	NM
28/07/2021	Vantage Point Survey	VP2	3:45 starting at 18:00	Visibility: poor; Wind speed and direction: gentle breeze NE; Cloud cover and height: 33-66% 150-500m; Rain: persistent; Frost: none; Snow: none	April VP, Rain continued to persist into evening. It gradually eased off just before sunset. Damp evening.	NM
24/08/2021	Vantage Point Survey	VP1	3:00 starting at 12:15	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Clear and bright with sunshine throughout survey (18 - 25°C). Light N breeze at times but effect was felt little in areas sheltered by forestry (where heat was tough to deal with). High drifting clouds which were sparse and widely spread - 10% cover. Heat haze at distance.	NM
24/08/2021	Vantage Point Survey	VP1	3:15 starting at 15:45	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Conditions varied greatly throughout	NM
27/08/2021	Vantage Point Survey	VP2	3:00 starting at 06:30	Visibility: poor; Wind speed and direction: light air N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Heavy mist and fog throughout morning which created very poor visibility - not more than 10m. As a result of these conditions were cooler. Mist started to burn off rapidly as mid-morning approached and sun rose in intensity.	NM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
27/08/2021	Vantage Point Survey	VP2	3:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Mist burnt off rapidly created very clear and bright conditions with not a cloud to be seen. Light N breeze at times but remained rather dead and very hot once again (16 - 25˚C). Heat haze at distance.	NM
07/09/2021	Vantage Point Survey	VP1	7:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Gentle but refreshing SW breeze but was not very apparent due to sheltered nature of VP. Warm (17 - 26˚C and clear with bright sun. Good visibility but very hazy at distance. Sunset - 20:05	NM
10/09/2021	Vantage Point Survey	VP2	7:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Bright and clear with barely a cloud in the sky. Gentle S breeze but VP was sheltered (15 - 25˚C).	NM
28/09/2021	Vantage Point Survey	VP3	3:00 starting at 13:47	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	October survey	CR
28/09/2021	Vantage Point Survey	VP3	1:53 starting at 17:17	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	October survey	CR
28/09/2021	Vantage Point Survey	VP3	0:35 starting at 19:10	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none	October survey, Light showers from 19:10 to 19:25.	CR
28/09/2021	Vantage Point Survey	VP3	0:32 starting at 19:45	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 0-33% 150-500m; Rain: persistent; Frost: none; Snow: none	October survey, Heavy rain from 19:45 onwards	CR
29/09/2021	Vantage Point Survey	VP7	3:00 starting at 13:35	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	October survey	CR
29/09/2021	Vantage Point Survey	VP7	2:02 starting at 17:14	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CR
29/09/2021	Vantage Point Survey	VP7	0:58 starting at 19:16	Visibility: moderate; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	Heavy showers between 19:27 to 19:35.	CR
30/09/2021	Vantage Point Survey	VP4	3:00 starting at 13:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	October survey	CR

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
30/09/2021	Vantage Point Survey	VP4	3:00 starting at 17:12	Visibility: moderate; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CR
21/10/2021	Vantage Point Survey	VP8	3:00 starting at 07:15	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	heavy rain shower 07:25 for 5 mins	CH
21/10/2021	Vantage Point Survey	VP8	3:00 starting at 10:45	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	hailstone shower at 13:25 for 2 mins	CH
22/10/2021	Vantage Point Survey	VP2	3:00 starting at 07:15	Visibility: moderate; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Dry spells between light rain.	CH
22/10/2021	Vantage Point Survey	VP2	3:00 starting at 10:45	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none	Two light showers	CH
25/10/2021	Vantage Point Survey	VP6	3:00 starting at 07:25	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
26/10/2021	Vantage Point Survey	VP1	3:00 starting at 07:26	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	3/4 short light showers	CH
26/10/2021	Vantage Point Survey	VP1	3:00 starting at 10:56	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	one heavy shower 12:55 to 13:25	CH
27/10/2021	Vantage Point Survey	VP5	3:00 starting at 07:25	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
27/10/2021	Vantage Point Survey	VP5	3:00 starting at 10:55	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
28/10/2021	Vantage Point Survey	VP6	3:00 starting at 10:55	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
04/11/2021	Vantage Point Survey	VP2	1:00 starting at 11:25	Visibility: poor; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	several heavy showers hampering visibility. 8°C	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
04/11/2021	Vantage Point Survey	VP2	2:00 starting at 12:25	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
04/11/2021	Vantage Point Survey	VP2	3:00 starting at 14:55	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
11/11/2021	Vantage Point Survey	VP6	3:00 starting at 11:15	Visibility: poor; Wind speed and direction: near gale S; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CH
11/11/2021	Vantage Point Survey	VP6	1:00 starting at 14:45	Visibility: limited; Wind speed and direction: gale SW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	Only did 1 hour as visibility too poor to continue, weather deteriorating	CH
12/11/2021	Vantage Point Survey	VP5	3:00 starting at 11:15	Visibility: moderate; Wind speed and direction: near gale W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CH
12/11/2021	Vantage Point Survey	VP5	3:00 starting at 14:45	Visibility: moderate; Wind speed and direction: near gale NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	10˚C	CH
15/11/2021	Vantage Point Survey	VP6	2:00 starting at 15:35	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CH
18/11/2021	Vantage Point Survey	VP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	13˚C, one very light shower	CH
18/11/2021	Vantage Point Survey	VP1	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
18/11/2021	Vantage Point Survey	VP4	3:00 starting at 07:00	Visibility: poor; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	Light and persistent drizzly mist enveloped everything, very poor visibility throughout the first 3 hours of the survey. Very mild and humid. Sunrise - 08:09	NM
18/11/2021	Vantage Point Survey	VP4	3:10 starting at 10:20	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Later in the morning saw more or less of a cease in the drizzly rain and a gradual lifting of the mist and cloud. Visibility improved but remained limited.	NM
19/11/2021	Vantage Point Survey	VP3	3:05 starting at 07:10	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none	Early in the morning saw persistent heavy rain blowing across the bog - reducing visibility to less than 30yds. Very damp. Sunrise - 08:10	NM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
19/11/2021	Vantage Point Survey	VP3	3:15 starting at 10:45	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Mid-morning saw an abrupt lifting and cessation to the rain and drastic improvement to the visibility. The clouds thinned and large clear patches blew in from the W resulting in clear and sunny condition from 11:30 onwards. Cold NW breeze.	NM
22/11/2021	Vantage Point Survey	VP8	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CH
22/11/2021	Vantage Point Survey	VP8	3:00 starting at 14:30	Visibility: moderate; Wind speed and direction: light air NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	7°C. Visibility poor for short period during sunset due to low sun	CH
29/11/2021	Vantage Point Survey	VP7	3:00 starting at 07:30	Visibility: limited; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CH
29/11/2021	Vantage Point Survey	VP7	3:00 starting at 11:00	Visibility: poor; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	No target species seen	CH
05/12/2021	Vantage Point Survey	VP2	3:00 starting at 07:40	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	hail showers, 2°C	CH
13/12/2021	Vantage Point Survey	VP6	3:00 starting at 07:30	Visibility: poor; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	Light but constant drizzle from the onset of survey. Moderate S breeze but direction and strength constantly shifting. Low cloud and mostly poor visibility. Rain thinned out for periods around noon but never completely disappeared. Sunrise: 08:40	NM
13/12/2021	Vantage Point Survey	VP3	2:30 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	4°C	CH
13/12/2021	Vantage Point Survey	VP6	3:00 starting at 11:00	Visibility: poor; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	Light but constant drizzle from the onset of survey. Moderate S breeze but direction and strength constantly shifting. Low cloud and mostly poor visibility. Rain thinned out for periods around noon but never completely disappeared. Sunrise: 08:40	NM
13/12/2021	Vantage Point Survey	VP3	2:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	4°C	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
14/12/2021	Vantage Point Survey	VP5	6:25 starting at 07:45	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Largely clear at onset with strong SW breeze sweeping down across open heath. Relatively mild (4 - 9°C) but persistent wind made it feel a lot colder. Becoming cloudier as the morning progressed - early afternoon turned predominantly cloudy and overcast with lower cloud and a slight drop in visibility. Sunrise: 08:40	NM
15/12/2021	Vantage Point Survey	VP2	1:00 starting at 10:10	Visibility: poor; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Snipe hunters in the distance on Easky bog, 11°C	CH
15/12/2021	Vantage Point Survey	VP2	2:00 starting at 11:10	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Snipe hunters at a distance on Easky bog, 11°C	CH
15/12/2021	Vantage Point Survey	VP3	1:30 starting at 07:50	Visibility: moderate; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	10°C	CH
16/12/2021	Vantage Point Survey	VP8	6:15 starting at 07:45	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Fresh and breezy (very exposed location ~400m asl) - SW breeze made it feel a lot colder than 5 - 9°C. Largely clear but wisps of cloud being blown over constantly and cloud caps on opposite hills. Visibility was good but obscured at distance. Sunrise: 08:42	NM
16/12/2021	Vantage Point Survey	VP4	3:00 starting at 07:50	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	8°C	CH
16/12/2021	Vantage Point Survey	VP4	3:00 starting at 11:20	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
17/12/2021	Vantage Point Survey	VP7	6:35 starting at 07:40	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Largely clear throughout with patches of high stratus clouds drifting across. Very cold SE breeze at times. Good visibility. Sunrise: 08:42	NM
17/12/2021	Vantage Point Survey	VP1	3:00 starting at 07:50	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	6°C	CH
17/12/2021	Vantage Point Survey	VP1	3:00 starting at 11:20	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	6°C	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
05/01/2022	Vantage Point Survey	VP4	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	4˚C	CH
05/01/2022	Vantage Point Survey	VP4	3:00 starting at 14:30	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	No target species seen	CH
10/01/2022	Vantage Point Survey	VP5	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Largely overcast throughout with some occasional drizzly showers. These did not persist however, and the majority of the survey experienced dry conditions albeit overcast and quite dark. Cool (4 - 8˚C) with moderate SW breeze. Sunset - 16:30	NM
10/01/2022	Vantage Point Survey	VP5	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Largely overcast throughout with some occasional drizzly showers. These did not persist however, and the majority of the survey experienced dry conditions albeit overcast and quite dark. Cool (4 - 8˚C) with moderate SW breeze. Sunset - 16:30	NM
10/01/2022	Vantage Point Survey	VP1	3:00 starting at 14:35	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CH
11/01/2022	Vantage Point Survey	VP8	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Clear and bright throughout with prolonged periods of sunshine. Cool (3 - 7˚C) with gentle S breeze. Sunset - 16:32	NM
11/01/2022	Vantage Point Survey	VP8	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Clear and bright throughout with prolonged periods of sunshine. Cool (3 - 7˚C) with gentle S breeze. Sunset - 16:32	NM
11/01/2022	Vantage Point Survey	VP1	3:00 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
12/01/2022	Vantage Point Survey	VP7	3:00 starting at 11:05	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Clear and bright throughout with prolonged periods of sunshine. 50% cloud cover but varying. Very bright in S sky. Cool (3 - 7˚C) with gentle S breeze. Sunset - 16:33	NM
12/01/2022	Vantage Point Survey	VP7	3:00 starting at 14:35	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Clear and bright throughout with prolonged periods of sunshine. 50% cloud cover but varying. Very bright in S sky. Cool (3 - 7˚C) with gentle S breeze. Sunset - 16:33	NM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
13/01/2022	Vantage Point Survey	VP6	3:00 starting at 11:05	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Largely overcast but with high clouds and occasional brightness peeking through. Moderate S breeze -> 3 - 9°C. Sunset - 16:35	NM
13/01/2022	Vantage Point Survey	VP6	3:00 starting at 14:35	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Largely overcast but with high clouds and occasional brightness peeking through. Moderate S breeze -> 3 - 9°C. Sunset - 16:35	NM
13/01/2022	Vantage Point Survey	VP3	3:00 starting at 11:45	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
17/01/2022	Vantage Point Survey	VP3	1:00 starting at 14:45	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CH
18/01/2022	Vantage Point Survey	VP3	1:00 starting at 15:45	Visibility: limited; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	fog came in very quickly and did not lift	CH
18/01/2022	Vantage Point Survey	VP3	1:00 starting at 16:45	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
20/01/2022	Vantage Point Survey	VP2	3:00 starting at 11:25	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
20/01/2022	Vantage Point Survey	VP2	3:00 starting at 14:55	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CH
01/02/2022	Vantage Point Survey	VP3	1:35 starting at 07:25	Visibility: poor; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	dawn survey; sunrise 08:24; persistent drizzle/light rain, 9°C	CH
01/02/2022	Vantage Point Survey	VP3	1:25 starting at 09:00	Visibility: moderate; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CH
01/02/2022	Vantage Point Survey	VP3	3:00 starting at 11:00	Visibility: moderate; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CH
02/02/2022	Vantage Point Survey	VP2	3:00 starting at 07:25	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	sunrise at 08:23; 7°C	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
02/02/2022	Vantage Point Survey	VP2	3:00 starting at 10:55	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	visibility moderate at times due to showers	CH
03/02/2022	Vantage Point Survey	VP1	3:00 starting at 11:10	Visibility: moderate; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	No target species seen	CH
04/02/2022	Vantage Point Survey	VP1	3:00 starting at 07:15	Visibility: poor; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: falling	sunrise at 08:17; 3°C, showers of hail/snow causing visibility to drop to poor at times	CH
15/02/2022	Vantage Point Survey	VP5	3:00 starting at 07:16	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CR
15/02/2022	Vantage Point Survey	VP5	3:00 starting at 10:47	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CR
16/02/2022	Vantage Point Survey	VP4	3:00 starting at 06:55	Visibility: poor; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		CH
16/02/2022	Vantage Point Survey	VP6	3:00 starting at 07:13	Visibility: good; Wind speed and direction: near gale N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CR
16/02/2022	Vantage Point Survey	VP4	3:00 starting at 10:25	Visibility: moderate; Wind speed and direction: near gale WSW; Cloud cover and height: 33-66% >500m; Rain: heavy showers; Frost: none; Snow: none	very mild, 10°C, yellow wind warning in place	CH
16/02/2022	Vantage Point Survey	VP6	3:00 starting at 10:45	Visibility: good; Wind speed and direction: strong breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CR
17/02/2022	Vantage Point Survey	VP7	3:00 starting at 07:24	Visibility: moderate; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: on ground	snow until 10:20	CR
17/02/2022	Vantage Point Survey	VP7	3:00 starting at 11:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CR
25/02/2022	Vantage Point Survey	VP8	3:00 starting at 09:10	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		CR

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
25/02/2022	Vantage Point Survey	VP8	3:00 starting at 12:45	Visibility: good; Wind speed and direction: strong breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CR
02/03/2022	Vantage Point Survey	VP1	3:00 starting at 13:20	Visibility: moderate; Wind speed and direction: strong breeze SSE; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none	Heavy shower 13:40 to 14:15. Lighter intermittent showers for the rest of the day.	NS
02/03/2022	Vantage Point Survey	VP1	3:00 starting at 16:50	Visibility: limited; Wind speed and direction: strong breeze SSE; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none	View is severely limited from misty conditions.	NS
03/03/2022	Vantage Point Survey	VP4	3:00 starting at 13:15	Visibility: good; Wind speed and direction: strong breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Light shower at 14:55 lasted 5-6 mins.	NS
03/03/2022	Vantage Point Survey	VP4	3:00 starting at 16:45	Visibility: moderate; Wind speed and direction: strong breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
09/03/2022	Vantage Point Survey	VP3	3:00 starting at 13:20	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
09/03/2022	Vantage Point Survey	VP3	3:00 starting at 16:50	Visibility: good; Wind speed and direction: light breeze WSW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
21/03/2022	Vantage Point Survey	VP5	3:00 starting at 13:30	Visibility: good; Wind speed and direction: strong breeze SSE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		NS
21/03/2022	Vantage Point Survey	VP5	3:00 starting at 17:00	Visibility: good; Wind speed and direction: strong breeze SSE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
22/03/2022	Vantage Point Survey	VP8	3:00 starting at 13:30	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		NS
22/03/2022	Vantage Point Survey	VP8	3:00 starting at 17:00	Visibility: moderate; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
23/03/2022	Vantage Point Survey	VP2	3:00 starting at 13:20	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
23/03/2022	Vantage Point Survey	VP2	3:00 starting at 16:50	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
24/03/2022	Vantage Point Survey	VP6	3:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
24/03/2022	Vantage Point Survey	VP6	3:00 starting at 17:00	Visibility: good; Wind speed and direction: light breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	At 18:25 heard 7 loud bangs (possibly gunshots from shotgun) coming from west	NS
25/03/2022	Vantage Point Survey	VP7	3:00 starting at 13:30	Visibility: moderate; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
25/03/2022	Vantage Point Survey	VP7	3:00 starting at 16:50	Visibility: moderate; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
01/04/2022	Vantage Point Survey	VP6	2:00 starting at 10:45	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	lots of buzzard activity, 7°C	CH
04/04/2022	Vantage Point Survey	VP3	3:00 starting at 06:00	Visibility: limited; Wind speed and direction: strong breeze WNW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	sunrise at 07:05, 10°C	CH
05/04/2022	Vantage Point Survey	VP5	3:00 starting at 05:50	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	sunrise 06:58, 9°C	CH
05/04/2022	Vantage Point Survey	VP5	3:00 starting at 09:20	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		CH
06/04/2022	Vantage Point Survey	VP6	2:40 starting at 05:50	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	sunrise 06:54, 4°C	CH
06/04/2022	Vantage Point Survey	VP6	1:20 starting at 09:00	Visibility: none; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
07/04/2022	Vantage Point Survey	VP3	3:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	8°C	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
12/04/2022	Vantage Point Survey	VP4	3:00 starting at 05:40	Visibility: moderate; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	9°C	CH
20/04/2022	Vantage Point Survey	VP1	3:00 starting at 05:40	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Very foggy morning with thick fog at VP. Visibility very low. Cleared up at 06:30, visibility 100%	NS
20/04/2022	Vantage Point Survey	VP1	3:00 starting at 09:10	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
22/04/2022	Vantage Point Survey	VP2	3:00 starting at 06:15	Visibility: good; Wind speed and direction: fresh breeze ENE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
22/04/2022	Vantage Point Survey	VP2	3:00 starting at 09:45	Visibility: good; Wind speed and direction: fresh breeze ENE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
27/04/2022	Vantage Point Survey	VP7	3:00 starting at 05:00	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	8°C	CH
28/04/2022	Vantage Point Survey	VP8	3:00 starting at 04:55	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	a chilly 4°C	CH
04/05/2022	Vantage Point Survey	VP3	3:00 starting at 19:15	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
06/05/2022	Vantage Point Survey	VP7	1:20 starting at 19:20	Visibility: moderate; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
06/05/2022	Vantage Point Survey	VP7	0:50 starting at 20:40	Visibility: none; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	fog descended to decrease view to 50m	CH
06/05/2022	Vantage Point Survey	VP7	0:50 starting at 21:30	Visibility: moderate; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CH
10/05/2022	Vantage Point Survey	VP5	3:00 starting at 19:15	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
11/05/2022	Vantage Point Survey	VP6	3:00 starting at 19:25	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CH
18/05/2022	Vantage Point Survey	VP1	3:00 starting at 19:35	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none	visibility 3 for short periods during showers	CH
19/05/2022	Vantage Point Survey	VP4	3:00 starting at 19:35	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CH
20/05/2022	Vantage Point Survey	VP2	3:00 starting at 19:40	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		CH
27/05/2022	Vantage Point Survey	VP8	3:00 starting at 19:45	Visibility: moderate; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Visibility compromised due to looking towards low setting sun, 3 at times	CH
01/06/2022	Vantage Point Survey	VP7	3:00 starting at 12:50	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
01/06/2022	Vantage Point Survey	VP7	3:00 starting at 16:20	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
10/06/2022	Vantage Point Survey	VP6	3:00 starting at 11:30	Visibility: good; Wind speed and direction: gale SE; Cloud cover and height: 33-66% >500m; Rain: heavy showers; Frost: none; Snow: none		CH
15/06/2022	Vantage Point Survey	VP8	3:00 starting at 17:55	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CH
17/06/2022	Vantage Point Survey	VP5	3:00 starting at 14:20	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
21/06/2022	Vantage Point Survey	VP1	3:00 starting at 18:00	Visibility: good; Wind speed and direction: gentle breeze ENE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
22/06/2022	Vantage Point Survey	VP4	3:00 starting at 17:45	Visibility: good; Wind speed and direction: moderate breeze ENE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
23/06/2022	Vantage Point Survey	VP2	3:00 starting at 18:00	Visibility: good; Wind speed and direction: moderate breeze NNE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
24/06/2022	Vantage Point Survey	VP3	3:00 starting at 18:00	Visibility: moderate; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		NS
05/07/2022	Vantage Point Survey	VP2	3:00 starting at 13:00	Visibility: none; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	Very low clouds.	NS
05/07/2022	Vantage Point Survey	VP2	3:00 starting at 16:30	Visibility: poor; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	No Target species seen.	NS
06/07/2022	Vantage Point Survey	VP3	3:00 starting at 15:00	Visibility: poor; Wind speed and direction: fresh breeze NNW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none	low clouds coming and going	NS
06/07/2022	Vantage Point Survey	VP3	3:00 starting at 18:30	Visibility: moderate; Wind speed and direction: fresh breeze NNW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
07/07/2022	Vantage Point Survey	VP6	0:40 starting at 10:50	Visibility: limited; Wind speed and direction: light breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		CH
07/07/2022	Vantage Point Survey	VP6	2:20 starting at 11:30	Visibility: good; Wind speed and direction: light breeze WNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
08/07/2022	Vantage Point Survey	VP6	3:00 starting at 11:15	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
08/07/2022	Vantage Point Survey	VP1	3:00 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
08/07/2022	Vantage Point Survey	VP1	3:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
13/07/2022	Vantage Point Survey	VP8	1:00 starting at 13:50	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
14/07/2022	Vantage Point Survey	VP8	1:00 starting at 07:00	Visibility: limited; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		CH
18/07/2022	Vantage Point Survey	VP8	2:00 starting at 08:00	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
18/07/2022	Vantage Point Survey	VP8	2:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	family of four kestrel	CH
19/07/2022	Vantage Point Survey	VP7	1:40 starting at 10:40	Visibility: limited; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		CH
19/07/2022	Vantage Point Survey	VP7	1:20 starting at 12:20	Visibility: moderate; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		CH
21/07/2022	Vantage Point Survey	VP7	3:00 starting at 13:10	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
22/07/2022	Vantage Point Survey	VP4	3:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
22/07/2022	Vantage Point Survey	VP4	3:00 starting at 15:30	Visibility: good; Wind speed and direction: strong breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
27/07/2022	Vantage Point Survey	VP5	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
27/07/2022	Vantage Point Survey	VP5	3:00 starting at 14:30	Visibility: good; Wind speed and direction: fresh breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
02/08/2022	Vantage Point Survey	VP3	3:00 starting at 10:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	vp catchup	CH
02/08/2022	Vantage Point Survey	VP3	3:00 starting at 14:00	Visibility: good; Wind speed and direction: near gale SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	vp catchup	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
04/08/2022	Vantage Point Survey	VP6	2:00 starting at 17:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	vp catchup	CH
04/08/2022	Vantage Point Survey	VP2	3:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
04/08/2022	Vantage Point Survey	VP2	3:00 starting at 15:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
05/08/2022	Vantage Point Survey	VP6	2:00 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	vp catchup	CH
05/08/2022	Vantage Point Survey	VP6	2:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	vp catchup	CH
08/08/2022	Vantage Point Survey	VP8	3:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	vp catchup	CH
08/08/2022	Vantage Point Survey	VP8	3:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	vp catchup	CH
09/08/2022	Vantage Point Survey	VP4	3:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	vp catchup	CH
09/08/2022	Vantage Point Survey	VP4	3:00 starting at 17:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	vp catchup	CH
11/08/2022	Vantage Point Survey	VP1	3:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
11/08/2022	Vantage Point Survey	VP1	3:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
15/08/2022	Vantage Point Survey	VP1	3:00 starting at 10:30	Visibility: moderate; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
15/08/2022	Vantage Point Survey	VP1	3:00 starting at 14:00	Visibility: moderate; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
16/08/2022	Vantage Point Survey	VP2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
16/08/2022	Vantage Point Survey	VP2	3:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
18/08/2022	Vantage Point Survey	VP5	1:30 starting at 12:15	Visibility: poor; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	vp catchup	CH
18/08/2022	Vantage Point Survey	VP5	1:30 starting at 13:45	Visibility: moderate; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	vp catchup	CH
18/08/2022	Vantage Point Survey	VP5	3:00 starting at 15:45	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	vp catchup	CH
19/08/2022	Vantage Point Survey	VP7	3:00 starting at 15:00	Visibility: good; Wind speed and direction: near gale WSW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	vp catchup	CH
22/08/2022	Vantage Point Survey	VP5	3:00 starting at 10:50	Visibility: moderate; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	August VP	CH
22/08/2022	Vantage Point Survey	VP5	1:00 starting at 14:20	Visibility: moderate; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	August VP	CH
23/08/2022	Vantage Point Survey	VP4	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze SSW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	August VP	CH
23/08/2022	Vantage Point Survey	VP4	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze SSW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	August VP	CH
24/08/2022	Vantage Point Survey	VP5	2:00 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	August VP	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
24/08/2022	Vantage Point Survey	VP3	3:00 starting at 12:00	Visibility: moderate; Wind speed and direction: moderate breeze WNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
24/08/2022	Vantage Point Survey	VP3	3:00 starting at 15:30	Visibility: moderate; Wind speed and direction: moderate breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
24/08/2022	Vantage Point Survey	VP8	3:00 starting at 15:35	Visibility: good; Wind speed and direction: near gale SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	August VP	CH
25/08/2022	Vantage Point Survey	VP7	3:00 starting at 13:00	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	August VP	CH
25/08/2022	Vantage Point Survey	VP7	3:00 starting at 16:30	Visibility: poor; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	August VP	CH
26/08/2022	Vantage Point Survey	VP8	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	August VP	CH
29/08/2022	Vantage Point Survey	VP6	1:00 starting at 18:00	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	August VP	CH
31/08/2022	Vantage Point Survey	VP6	3:00 starting at 11:45	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	August VP	CH
31/08/2022	Vantage Point Survey	VP6	2:00 starting at 15:15	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	August VP	CH
01/09/2022	Vantage Point Survey	VP3	3:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	lots of turf saving activity ongoing	CH
01/09/2022	Vantage Point Survey	VP3	3:00 starting at 18:30	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
02/09/2022	Vantage Point Survey	VP4	2:00 starting at 15:00	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
05/09/2022	Vantage Point Survey	VP4	4:00 starting at 17:20	Visibility: poor; Wind speed and direction: near gale SE; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none	extremely wet from 18:00 to 19:40	CH
06/09/2022	Vantage Point Survey	VP5	3:00 starting at 15:00	Visibility: good; Wind speed and direction: near gale SE; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		CH
06/09/2022	Vantage Point Survey	VP5	3:00 starting at 18:30	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CH
07/09/2022	Vantage Point Survey	VP6	3:30 starting at 17:40	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		CH
19/09/2022	Vantage Point Survey	VP6	2:30 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
20/09/2022	Vantage Point Survey	VP7	3:00 starting at 14:10	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
20/09/2022	Vantage Point Survey	VP7	3:00 starting at 17:40	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
23/09/2022	Vantage Point Survey	VP8	3:00 starting at 14:00	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
23/09/2022	Vantage Point Survey	VP8	3:00 starting at 17:30	Visibility: limited; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		NS
03/10/2022	Vantage Point Survey	VP1	3:00 starting at 13:30	Visibility: moderate; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	September survey	NS
03/10/2022	Vantage Point Survey	VP1	3:00 starting at 17:00	Visibility: moderate; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	September survey	NS
04/10/2022	Vantage Point Survey	VP2	3:00 starting at 13:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none	September survey	NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
04/10/2022	Vantage Point Survey	VP2	3:00 starting at 17:00	Visibility: moderate; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	September survey	NS
10/10/2022	Vantage Point Survey	VP4	3:00 starting at 07:00	Visibility: moderate; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
10/10/2022	Vantage Point Survey	VP4	3:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
11/10/2022	Vantage Point Survey	VP1	3:00 starting at 07:00	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
11/10/2022	Vantage Point Survey	VP1	3:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
12/10/2022	Vantage Point Survey	VP8	3:00 starting at 07:00	Visibility: poor; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
12/10/2022	Vantage Point Survey	VP8	3:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
13/10/2022	Vantage Point Survey	VP5	3:00 starting at 07:00	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
13/10/2022	Vantage Point Survey	VP5	3:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
17/10/2022	Vantage Point Survey	VP6	3:00 starting at 07:00	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
17/10/2022	Vantage Point Survey	VP6	3:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
18/10/2022	Vantage Point Survey	VP2	3:00 starting at 07:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
18/10/2022	Vantage Point Survey	VP2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		NS
19/10/2022	Vantage Point Survey	VP3	3:00 starting at 07:00	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
19/10/2022	Vantage Point Survey	VP3	3:00 starting at 10:30	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
26/10/2022	Vantage Point Survey	VP7	3:00 starting at 12:40	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
26/10/2022	Vantage Point Survey	VP7	3:00 starting at 16:10	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
17/11/2022	Vantage Point Survey	VP2	6:20 starting at 11:20	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none	Coast guard helicopter hovering over Lough Naufallow for 1.5h causing disturbance. Will make up the time on 18/11/2022	NS
18/11/2022	Vantage Point Survey	VP2	1:30 starting at 12:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		NS
18/11/2022	Vantage Point Survey	VP6	3:00 starting at 12:00	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP
21/11/2022	Vantage Point Survey	VP6	3:00 starting at 14:30	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
22/11/2022	Vantage Point Survey	VP8	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
22/11/2022	Vantage Point Survey	VP8	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
23/11/2022	Vantage Point Survey	VP5	3:00 starting at 11:00	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: light; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
23/11/2022	Vantage Point Survey	VP5	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
24/11/2022	Vantage Point Survey	VP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP
24/11/2022	Vantage Point Survey	VP1	3:00 starting at 14:30	Visibility: good; Wind speed and direction: near gale S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
25/11/2022	Vantage Point Survey	VP4	3:00 starting at 11:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
25/11/2022	Vantage Point Survey	VP4	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
28/11/2022	Vantage Point Survey	VP3	3:00 starting at 10:50	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
28/11/2022	Vantage Point Survey	VP3	1:00 starting at 14:20	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
29/11/2022	Vantage Point Survey	VP7	3:00 starting at 10:50	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
29/11/2022	Vantage Point Survey	VP7	3:00 starting at 14:20	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
01/12/2022	Vantage Point Survey	VP3	2:00 starting at 15:20	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	November survey	EP
06/12/2022	Vantage Point Survey	VP3	3:00 starting at 07:40	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
06/12/2022	Vantage Point Survey	VP3	3:00 starting at 11:10	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
08/12/2022	Vantage Point Survey	VP4	3:00 starting at 07:40	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: falling		EP
08/12/2022	Vantage Point Survey	VP4	3:00 starting at 11:10	Visibility: moderate; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: falling		EP
13/12/2022	Vantage Point Survey	VP1	3:00 starting at 07:45	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: on ground		EP
13/12/2022	Vantage Point Survey	VP1	3:00 starting at 11:15	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: on ground		EP
14/12/2022	Vantage Point Survey	VP5	3:00 starting at 07:45	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: on ground		EP
14/12/2022	Vantage Point Survey	VP5	3:00 starting at 11:15	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: on ground		EP
15/12/2022	Vantage Point Survey	VP7	3:00 starting at 07:45	Visibility: poor; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% <150m; Rain: none; Frost: heavy; Snow: on ground		EP
15/12/2022	Vantage Point Survey	VP7	3:00 starting at 11:15	Visibility: poor; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: heavy; Snow: on ground		EP
19/12/2022	Vantage Point Survey	VP8	3:00 starting at 07:50	Visibility: poor; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		EP
19/12/2022	Vantage Point Survey	VP8	3:00 starting at 11:20	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP
20/12/2022	Vantage Point Survey	VP6	3:00 starting at 07:50	Visibility: moderate; Wind speed and direction: fresh breeze S; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		EP
20/12/2022	Vantage Point Survey	VP6	3:00 starting at 11:20	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 0-33% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
04/01/2023	Vantage Point Survey	VP2	3:00 starting at 07:55	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none	December survey	EP
04/01/2023	Vantage Point Survey	VP2	3:00 starting at 11:25	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none	December survey	EP
05/01/2023	Vantage Point Survey	VP6	3:00 starting at 10:55	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
05/01/2023	Vantage Point Survey	VP6	3:00 starting at 14:25	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		EP
13/01/2023	Vantage Point Survey	VP3	3:00 starting at 10:10	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: light; Snow: none		EP
13/01/2023	Vantage Point Survey	VP3	3:00 starting at 14:40	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
16/01/2023	Vantage Point Survey	VP2	3:00 starting at 10:10	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: light; Snow: on ground		EP
16/01/2023	Vantage Point Survey	VP2	3:00 starting at 14:40	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: light; Snow: on ground		EP
20/01/2023	Vantage Point Survey	VP5	3:00 starting at 11:15	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
20/01/2023	Vantage Point Survey	VP5	3:00 starting at 14:45	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
24/01/2023	Vantage Point Survey	VP7	3:00 starting at 11:25	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
24/01/2023	Vantage Point Survey	VP7	3:00 starting at 14:55	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
26/01/2023	Vantage Point Survey	VP1	3:00 starting at 11:30	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
26/01/2023	Vantage Point Survey	VP1	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
27/01/2023	Vantage Point Survey	VP8	3:00 starting at 11:30	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
27/01/2023	Vantage Point Survey	VP8	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
31/01/2023	Vantage Point Survey	VP4	3:00 starting at 11:40	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
31/01/2023	Vantage Point Survey	VP4	3:00 starting at 15:10	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
08/02/2023	Vantage Point Survey	VP6	3:00 starting at 07:10	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		EP
08/02/2023	Vantage Point Survey	VP6	3:00 starting at 10:40	Visibility: moderate; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		EP
09/02/2023	Vantage Point Survey	VP3	3:00 starting at 07:10	Visibility: poor; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
09/02/2023	Vantage Point Survey	VP3	3:00 starting at 10:40	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
14/02/2023	Vantage Point Survey	VP1	3:00 starting at 07:00	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
14/02/2023	Vantage Point Survey	VP1	3:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
15/02/2023	Vantage Point Survey	VP7	3:00 starting at 06:55	Visibility: moderate; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
15/02/2023	Vantage Point Survey	VP7	3:00 starting at 10:25	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
16/02/2023	Vantage Point Survey	VP5	3:00 starting at 06:50	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
16/02/2023	Vantage Point Survey	VP5	3:00 starting at 10:20	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
17/02/2023	Vantage Point Survey	VP2	3:00 starting at 06:50	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
17/02/2023	Vantage Point Survey	VP2	3:00 starting at 10:20	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
21/02/2023	Vantage Point Survey	VP4	3:00 starting at 06:40	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
21/02/2023	Vantage Point Survey	VP4	3:00 starting at 10:10	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
22/02/2023	Vantage Point Survey	VP8	3:00 starting at 06:40	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
22/02/2023	Vantage Point Survey	VP8	3:00 starting at 10:10	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
03/03/2023	Vantage Point Survey	VP8	3:00 starting at 06:20	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
03/03/2023	Vantage Point Survey	VP8	3:00 starting at 09:50	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
03/03/2023	Vantage Point Survey	VP4	3:00 starting at 12:50	Visibility: good; Wind speed and direction: fresh breeze NE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
03/03/2023	Vantage Point Survey	VP4	3:00 starting at 16:20	Visibility: good; Wind speed and direction: fresh breeze NE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
06/03/2023	Vantage Point Survey	VP5	3:00 starting at 12:50	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
06/03/2023	Vantage Point Survey	VP5	3:00 starting at 16:20	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
07/03/2023	Vantage Point Survey	VP7	3:00 starting at 06:10	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
07/03/2023	Vantage Point Survey	VP7	3:00 starting at 09:40	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
08/03/2023	Vantage Point Survey	VP2	3:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
08/03/2023	Vantage Point Survey	VP2	3:00 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
13/03/2023	Vantage Point Survey	VP6	3:00 starting at 13:00	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
13/03/2023	Vantage Point Survey	VP6	3:00 starting at 16:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
27/03/2023	Vantage Point Survey	VP1	3:00 starting at 14:40	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
27/03/2023	Vantage Point Survey	VP1	3:00 starting at 18:10	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
28/03/2023	Vantage Point Survey	VP3	3:00 starting at 14:40	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
28/03/2023	Vantage Point Survey	VP3	3:00 starting at 18:10	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
04/04/2023	Vantage Point Survey	VP1	3:00 starting at 05:20	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
05/04/2023	Vantage Point Survey	VP6	3:00 starting at 06:00	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		EP
13/04/2023	Vantage Point Survey	VP3	3:00 starting at 05:40	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
17/04/2023	Vantage Point Survey	VP2	3:00 starting at 05:20	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
17/04/2023	Vantage Point Survey	VP8	3:00 starting at 09:00	Visibility: moderate; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
26/04/2023	Vantage Point Survey	VP7	3:00 starting at 06:00	Visibility: moderate; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
26/04/2023	Vantage Point Survey	VP7	3:00 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
27/04/2023	Vantage Point Survey	VP4	3:00 starting at 14:15	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
03/05/2023	Vantage Point Survey	VP5	3:00 starting at 04:50	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
04/05/2023	Vantage Point Survey	VP4	3:00 starting at 04:50	Visibility: moderate; Wind speed and direction: strong breeze E; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
05/05/2023	Vantage Point Survey	VP8	3:00 starting at 04:50	Visibility: moderate; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
15/05/2023	Vantage Point Survey	VP1	4:00 starting at 14:00	Visibility: moderate; Wind speed and direction: moderate breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
16/05/2023	Vantage Point Survey	VP4	3:00 starting at 19:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
17/05/2023	Vantage Point Survey	VP3	3:00 starting at 19:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
18/05/2023	Vantage Point Survey	VP2	3:00 starting at 16:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
18/05/2023	Vantage Point Survey	VP2	3:00 starting at 19:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP
23/05/2023	Vantage Point Survey	VP2	3:00 starting at 11:50	Visibility: moderate; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
24/05/2023	Vantage Point Survey	VP7	3:00 starting at 19:45	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
25/05/2023	Vantage Point Survey	VP8	3:00 starting at 19:45	Visibility: poor; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	heavy fog for half the survey, then lifted second half	EP
29/05/2023	Vantage Point Survey	VP1	3:00 starting at 19:45	Visibility: good; Wind speed and direction: calm E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
30/05/2023	Vantage Point Survey	VP6	3:00 starting at 19:45	Visibility: good; Wind speed and direction: calm N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
31/05/2023	Vantage Point Survey	VP5	3:00 starting at 19:45	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
07/06/2023	Vantage Point Survey	VP4	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze ESE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
07/06/2023	Vantage Point Survey	VP4	3:00 starting at 16:30	Visibility: good; Wind speed and direction: gentle breeze ESE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
08/06/2023	Vantage Point Survey	VP5	3:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
08/06/2023	Vantage Point Survey	VP5	3:00 starting at 15:30	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
14/06/2023	Vantage Point Survey	VP6	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
14/06/2023	Vantage Point Survey	VP6	3:00 starting at 17:30	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
15/06/2023	Vantage Point Survey	VP7	3:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
15/06/2023	Vantage Point Survey	VP7	3:00 starting at 17:30	Visibility: moderate; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		EP
16/06/2023	Vantage Point Survey	VP1	3:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
16/06/2023	Vantage Point Survey	VP1	3:00 starting at 16:30	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
21/06/2023	Vantage Point Survey	VP8	3:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
21/06/2023	Vantage Point Survey	VP8	3:00 starting at 17:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
30/06/2023	Vantage Point Survey	VP3	3:00 starting at 12:00	Visibility: moderate; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		NS
30/06/2023	Vantage Point Survey	VP3	3:00 starting at 15:30	Visibility: moderate; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		NS
04/07/2023	Vantage Point Survey	VP1	3:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
04/07/2023	Vantage Point Survey	VP1	3:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
07/07/2023	Vantage Point Survey	VP6	3:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
07/07/2023	Vantage Point Survey	VP6	3:00 starting at 13:30	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
11/07/2023	Vantage Point Survey	VP5	3:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
11/07/2023	Vantage Point Survey	VP5	3:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
12/07/2023	Vantage Point Survey	VP4	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
12/07/2023	Vantage Point Survey	VP4	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
20/07/2023	Vantage Point Survey	VP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
20/07/2023	Vantage Point Survey	VP1	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
21/07/2023	Vantage Point Survey	VP3	3:00 starting at 11:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
21/07/2023	Vantage Point Survey	VP7	3:00 starting at 11:35	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
21/07/2023	Vantage Point Survey	VP3	3:00 starting at 14:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
21/07/2023	Vantage Point Survey	VP7	3:00 starting at 15:05	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
24/07/2023	Vantage Point Survey	VP4	3:00 starting at 11:00	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
24/07/2023	Vantage Point Survey	VP8	3:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
24/07/2023	Vantage Point Survey	VP4	3:00 starting at 14:30	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
24/07/2023	Vantage Point Survey	VP8	3:00 starting at 16:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
26/07/2023	Vantage Point Survey	VP3	3:00 starting at 11:30	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
26/07/2023	Vantage Point Survey	VP3	3:00 starting at 15:00	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
28/07/2023	Vantage Point Survey	VP5	3:00 starting at 09:30	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
28/07/2023	Vantage Point Survey	VP5	3:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
28/07/2023	Vantage Point Survey	VP6	3:00 starting at 13:00	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
28/07/2023	Vantage Point Survey	VP6	3:00 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
01/08/2023	Vantage Point Survey	VP8	3:00 starting at 15:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
01/08/2023	Vantage Point Survey	VP8	3:00 starting at 18:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
02/08/2023	Vantage Point Survey	VP6	3:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
02/08/2023	Vantage Point Survey	VP7	3:00 starting at 14:00	Visibility: good; Wind speed and direction: strong breeze N; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
02/08/2023	Vantage Point Survey	VP6	3:00 starting at 15:30	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
02/08/2023	Vantage Point Survey	VP7	3:00 starting at 17:30	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
09/08/2023	Vantage Point Survey	VP3	3:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
09/08/2023	Vantage Point Survey	VP3	3:00 starting at 15:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
10/08/2023	Vantage Point Survey	VP7	3:00 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
10/08/2023	Vantage Point Survey	VP7	3:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
11/08/2023	Vantage Point Survey	VP4	3:00 starting at 11:30	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
11/08/2023	Vantage Point Survey	VP4	3:00 starting at 15:00	Visibility: moderate; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
15/08/2023	Vantage Point Survey	VP1	3:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
15/08/2023	Vantage Point Survey	VP1	3:00 starting at 15:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
22/08/2023	Vantage Point Survey	VP5	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze WSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
22/08/2023	Vantage Point Survey	VP5	3:00 starting at 16:30	Visibility: good; Wind speed and direction: gentle breeze WSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
24/08/2023	Vantage Point Survey	VP8	3:00 starting at 12:15	Visibility: good; Wind speed and direction: strong breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
24/08/2023	Vantage Point Survey	VP8	3:00 starting at 15:40	Visibility: poor; Wind speed and direction: strong breeze WSW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
05/09/2023	Vantage Point Survey	VP6	3:00 starting at 05:48	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
05/09/2023	Vantage Point Survey	VP6	3:00 starting at 09:20	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
07/09/2023	Vantage Point Survey	VP5	3:00 starting at 05:50	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
07/09/2023	Vantage Point Survey	VP5	3:00 starting at 09:20	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
08/09/2023	Vantage Point Survey	VP4	3:00 starting at 05:55	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	swarms of insects, difficult to concentrate	EP
08/09/2023	Vantage Point Survey	VP4	3:00 starting at 09:25	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	swarms of insects, difficult to concentrate	EP
11/09/2023	Vantage Point Survey	VP8	3:00 starting at 05:55	Visibility: limited; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		EP
11/09/2023	Vantage Point Survey	VP8	3:00 starting at 09:25	Visibility: moderate; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
20/09/2023	Vantage Point Survey	VP3	3:00 starting at 06:00	Visibility: moderate; Wind speed and direction: near gale WSW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
20/09/2023	Vantage Point Survey	VP3	3:00 starting at 09:30	Visibility: moderate; Wind speed and direction: near gale WSW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
21/09/2023	Vantage Point Survey	VP1	3:00 starting at 06:00	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
21/09/2023	Vantage Point Survey	VP1	3:00 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
04/10/2023	Vantage Point Survey	VP5	3:00 starting at 13:30	Visibility: poor; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
04/10/2023	Vantage Point Survey	VP5	3:00 starting at 17:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
05/10/2023	Vantage Point Survey	VP6	3:00 starting at 13:30	Visibility: moderate; Wind speed and direction: near gale S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
05/10/2023	Vantage Point Survey	VP6	3:00 starting at 17:00	Visibility: moderate; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
06/10/2023	Vantage Point Survey	VP4	3:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
06/10/2023	Vantage Point Survey	VP4	3:00 starting at 17:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
10/10/2023	Vantage Point Survey	VP1	3:00 starting at 13:42	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		CR
10/10/2023	Vantage Point Survey	VP1	3:00 starting at 17:12	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		CR
11/10/2023	Vantage Point Survey	VP3	3:00 starting at 13:32	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CR
11/10/2023	Vantage Point Survey	VP3	3:00 starting at 17:10	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CR
17/10/2023	Vantage Point Survey	VP8	3:00 starting at 13:00	Visibility: good; Wind speed and direction: fresh breeze ESE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
17/10/2023	Vantage Point Survey	VP8	3:00 starting at 16:30	Visibility: good; Wind speed and direction: fresh breeze ESE; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		NS
20/10/2023	Vantage Point Survey	VP7	3:00 starting at 13:10	Visibility: good; Wind speed and direction: strong breeze E; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	September survey	EP
20/10/2023	Vantage Point Survey	VP7	3:00 starting at 16:40	Visibility: good; Wind speed and direction: strong breeze NE; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	September survey	EP
02/11/2023	Vantage Point Survey	VP7	3:00 starting at 11:30	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	October survey	NS
02/11/2023	Vantage Point Survey	VP7	3:00 starting at 15:00	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	October survey	NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
07/11/2023	Vantage Point Survey	VP6	3:00 starting at 06:40	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
07/11/2023	Vantage Point Survey	VP6	3:00 starting at 10:10	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
07/11/2023	Vantage Point Survey	VP2	3:00 starting at 11:20	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: drizzle; Frost: none; Snow: none	October survey	EP
07/11/2023	Vantage Point Survey	VP2	3:00 starting at 14:50	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none	October survey	EP
08/11/2023	Vantage Point Survey	VP5	3:00 starting at 06:40	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		NS
08/11/2023	Vantage Point Survey	VP5	3:00 starting at 10:10	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
09/11/2023	Vantage Point Survey	VP3	3:00 starting at 06:40	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
09/11/2023	Vantage Point Survey	VP3	3:00 starting at 10:10	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
15/11/2023	Vantage Point Survey	VP7	3:00 starting at 07:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
15/11/2023	Vantage Point Survey	VP7	3:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
16/11/2023	Vantage Point Survey	VP4	3:00 starting at 07:00	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
16/11/2023	Vantage Point Survey	VP4	3:00 starting at 10:30	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
22/11/2023	Vantage Point Survey	VP1	3:00 starting at 07:05	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
22/11/2023	Vantage Point Survey	VP1	3:00 starting at 10:35	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
24/11/2023	Vantage Point Survey	VP2	3:00 starting at 07:18	Visibility: good; Wind speed and direction: strong breeze E; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
24/11/2023	Vantage Point Survey	VP2	3:00 starting at 10:48	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
30/11/2023	Vantage Point Survey	VP8	3:00 starting at 07:28	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none		EP
30/11/2023	Vantage Point Survey	VP8	3:00 starting at 10:58	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none		EP
12/12/2023	Vantage Point Survey	VP6	3:00 starting at 10:40	Visibility: moderate; Wind speed and direction: light air N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		EP
12/12/2023	Vantage Point Survey	VP6	3:00 starting at 14:10	Visibility: moderate; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
13/12/2023	Vantage Point Survey	VP5	3:00 starting at 10:39	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
13/12/2023	Vantage Point Survey	VP5	3:00 starting at 14:09	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
14/12/2023	Vantage Point Survey	VP7	3:00 starting at 10:39	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
14/12/2023	Vantage Point Survey	VP1	3:00 starting at 11:30	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
14/12/2023	Vantage Point Survey	VP7	3:00 starting at 14:09	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
14/12/2023	Vantage Point Survey	VP1	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
15/12/2023	Vantage Point Survey	VP2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
15/12/2023	Vantage Point Survey	VP2	3:00 starting at 14:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
18/12/2023	Vantage Point Survey	VP3	3:00 starting at 10:30	Visibility: moderate; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
18/12/2023	Vantage Point Survey	VP8	3:00 starting at 10:39	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
18/12/2023	Vantage Point Survey	VP3	3:00 starting at 14:00	Visibility: moderate; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
03/01/2024	Vantage Point Survey	VP8	3:00 starting at 14:22	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	December vp	EP
05/01/2024	Vantage Point Survey	VP6	3:00 starting at 07:53	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
05/01/2024	Vantage Point Survey	VP6	3:00 starting at 11:23	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
06/01/2024	Vantage Point Survey	VP4	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	December survey	NS
06/01/2024	Vantage Point Survey	VP4	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	December survey	NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
17/01/2024	Vantage Point Survey	VP5	3:00 starting at 12:12	Visibility: poor; Wind speed and direction: light air NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: light; Snow: on ground		EP
23/01/2024	Vantage Point Survey	VP1	3:00 starting at 07:30	Visibility: good; Wind speed and direction: strong breeze SSW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
23/01/2024	Vantage Point Survey	VP5	3:00 starting at 07:36	Visibility: moderate; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
23/01/2024	Vantage Point Survey	VP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: strong breeze SSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
24/01/2024	Vantage Point Survey	VP3	3:00 starting at 07:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
24/01/2024	Vantage Point Survey	VP7	3:00 starting at 07:35	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
24/01/2024	Vantage Point Survey	VP3	3:00 starting at 11:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
24/01/2024	Vantage Point Survey	VP7	3:00 starting at 11:05	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
25/01/2024	Vantage Point Survey	VP4	3:00 starting at 07:30	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
25/01/2024	Vantage Point Survey	VP4	3:00 starting at 11:00	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
26/01/2024	Vantage Point Survey	VP2	3:00 starting at 07:30	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
26/01/2024	Vantage Point Survey	VP8	3:00 starting at 07:32	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: light; Snow: on ground		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
26/01/2024	Vantage Point Survey	VP2	3:00 starting at 11:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
26/01/2024	Vantage Point Survey	VP8	3:00 starting at 11:02	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
01/02/2024	Vantage Point Survey	VP6	3:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
07/02/2024	Vantage Point Survey	VP8	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
08/02/2024	Vantage Point Survey	VP6	3:00 starting at 15:26	Visibility: moderate; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		EP
12/02/2024	Vantage Point Survey	VP3	3:00 starting at 12:00	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
12/02/2024	Vantage Point Survey	VP3	3:00 starting at 15:30	Visibility: good; Wind speed and direction: strong breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
13/02/2024	Vantage Point Survey	VP5	3:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze ESE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
13/02/2024	Vantage Point Survey	VP5	3:00 starting at 15:30	Visibility: good; Wind speed and direction: moderate breeze ESE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
16/02/2024	Vantage Point Survey	VP7	3:00 starting at 12:13	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
16/02/2024	Vantage Point Survey	VP7	3:00 starting at 15:43	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP
19/02/2024	Vantage Point Survey	VP8	3:00 starting at 15:49	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
21/02/2024	Vantage Point Survey	VP1	3:00 starting at 12:35	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
21/02/2024	Vantage Point Survey	VP1	3:00 starting at 16:00	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
22/02/2024	Vantage Point Survey	VP2	3:00 starting at 12:30	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
22/02/2024	Vantage Point Survey	VP2	3:00 starting at 16:00	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
05/03/2024	Vantage Point Survey	VP6	3:00 starting at 10:35	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
05/03/2024	Vantage Point Survey	VP4	3:00 starting at 12:55	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	February survey	NS
05/03/2024	Vantage Point Survey	VP4	3:00 starting at 16:25	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	February survey	NS
07/03/2024	Vantage Point Survey	VP1	3:00 starting at 06:10	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
07/03/2024	Vantage Point Survey	VP1	3:00 starting at 09:45	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
11/03/2024	Vantage Point Survey	VP8	3:00 starting at 05:57	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	No observation	EP
13/03/2024	Vantage Point Survey	VP5	3:00 starting at 05:52	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP
13/03/2024	Vantage Point Survey	VP5	3:00 starting at 09:22	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
14/03/2024	Vantage Point Survey	VP6	3:00 starting at 05:50	Visibility: moderate; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
20/03/2024	Vantage Point Survey	VP4	3:00 starting at 05:30	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
20/03/2024	Vantage Point Survey	VP4	3:00 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
25/03/2024	Vantage Point Survey	VP2	3:00 starting at 05:25	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		NS
25/03/2024	Vantage Point Survey	VP2	3:00 starting at 08:55	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		NS
26/03/2024	Vantage Point Survey	VP3	3:00 starting at 05:25	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
26/03/2024	Vantage Point Survey	VP3	3:00 starting at 08:55	Visibility: good; Wind speed and direction: fresh breeze NE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
28/03/2024	Vantage Point Survey	VP8	3:00 starting at 07:55	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 0-33% >500m; Rain: drizzle; Frost: none; Snow: none		EP
29/03/2024	Vantage Point Survey	VP7	3:00 starting at 05:12	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
29/03/2024	Vantage Point Survey	VP7	3:00 starting at 08:42	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
03/04/2024	Vantage Point Survey	VP6	3:00 starting at 14:45	Visibility: good; Wind speed and direction: light breeze WNW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		NS
03/04/2024	Vantage Point Survey	VP6	3:00 starting at 18:15	Visibility: good; Wind speed and direction: light breeze WNW; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
08/04/2024	Vantage Point Survey	VP4	3:00 starting at 15:00	Visibility: good; Wind speed and direction: strong breeze WNW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
08/04/2024	Vantage Point Survey	VP4	3:00 starting at 18:30	Visibility: good; Wind speed and direction: strong breeze WNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
09/04/2024	Vantage Point Survey	VP5	3:00 starting at 14:50	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
09/04/2024	Vantage Point Survey	VP5	3:00 starting at 18:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
10/04/2024	Vantage Point Survey	VP3	3:00 starting at 15:00	Visibility: good; Wind speed and direction: strong breeze SSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
10/04/2024	Vantage Point Survey	VP3	3:00 starting at 18:30	Visibility: good; Wind speed and direction: strong breeze SSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
11/04/2024	Vantage Point Survey	VP8	3:00 starting at 15:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
11/04/2024	Vantage Point Survey	VP8	1:00 starting at 18:30	Visibility: poor; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	Visibility very low, finished last 2 hours on 18/04/2024.	NS
15/04/2024	Vantage Point Survey	VP2	3:00 starting at 15:10	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
15/04/2024	Vantage Point Survey	VP2	3:00 starting at 18:40	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
16/04/2024	Vantage Point Survey	VP1	3:00 starting at 15:10	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
16/04/2024	Vantage Point Survey	VP1	3:00 starting at 18:40	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
18/04/2024	Vantage Point Survey	VP8	2:05 starting at 19:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Finishing last 2 hours of VP8 as visibility was too low on 11/04/2024.	NS
24/04/2024	Vantage Point Survey	VP7	3:00 starting at 15:25	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
24/04/2024	Vantage Point Survey	VP7	3:00 starting at 18:55	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
13/05/2024	Vantage Point Survey	VP3	3:00 starting at 04:30	Visibility: moderate; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
13/05/2024	Vantage Point Survey	VP3	3:00 starting at 08:00	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
14/05/2024	Vantage Point Survey	VP5	3:00 starting at 04:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
14/05/2024	Vantage Point Survey	VP5	3:00 starting at 08:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
22/05/2024	Vantage Point Survey	VP4	3:00 starting at 04:20	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
22/05/2024	Vantage Point Survey	VP4	3:00 starting at 07:50	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
23/05/2024	Vantage Point Survey	VP1	3:00 starting at 04:20	Visibility: good; Wind speed and direction: fresh breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
23/05/2024	Vantage Point Survey	VP6	3:00 starting at 04:30	Visibility: moderate; Wind speed and direction: fresh breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CM
23/05/2024	Vantage Point Survey	VP1	3:00 starting at 07:50	Visibility: good; Wind speed and direction: fresh breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
24/05/2024	Vantage Point Survey	VP2	3:00 starting at 04:20	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
24/05/2024	Vantage Point Survey	VP8	3:00 starting at 04:35	Visibility: moderate; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CM
24/05/2024	Vantage Point Survey	VP2	3:00 starting at 07:50	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
31/05/2024	Vantage Point Survey	VP7	3:00 starting at 04:25	Visibility: moderate; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CM
31/05/2024	Vantage Point Survey	VP7	3:00 starting at 07:55	Visibility: moderate; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CM
06/06/2024	Vantage Point Survey	VP6	3:00 starting at 17:00	Visibility: moderate; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	may survey	CM
13/06/2024	Vantage Point Survey	VP6	2:00 starting at 11:45	Visibility: limited; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		CM
13/06/2024	Vantage Point Survey	VP3	3:00 starting at 13:00	Visibility: good; Wind speed and direction: fresh breeze SSE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
13/06/2024	Vantage Point Survey	VP6	1:00 starting at 13:45	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CM
13/06/2024	Vantage Point Survey	VP6	3:00 starting at 15:15	Visibility: poor; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Visibility moderate between showers.	CM
13/06/2024	Vantage Point Survey	VP3	3:00 starting at 16:30	Visibility: none; Wind speed and direction: fresh breeze SSE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
17/06/2024	Vantage Point Survey	VP5	3:00 starting at 11:00	Visibility: none; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
17/06/2024	Vantage Point Survey	VP5	3:00 starting at 14:30	Visibility: poor; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		CM
18/06/2024	Vantage Point Survey	VP4	3:00 starting at 11:00	Visibility: good; Wind speed and direction: fresh breeze NNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
18/06/2024	Vantage Point Survey	VP4	2:00 starting at 14:30	Visibility: good; Wind speed and direction: fresh breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
20/06/2024	Vantage Point Survey	VP8	3:00 starting at 13:30	Visibility: poor; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	All turbines shut off.	CM
20/06/2024	Vantage Point Survey	VP8	3:00 starting at 17:00	Visibility: poor; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	All turbines shut off.	CM
24/06/2024	Vantage Point Survey	VP1	2:00 starting at 15:15	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		NS
24/06/2024	Vantage Point Survey	VP1	3:00 starting at 17:30	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		NS
26/06/2024	Vantage Point Survey	VP7	3:00 starting at 11:00	Visibility: moderate; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CM
26/06/2024	Vantage Point Survey	VP7	3:00 starting at 14:30	Visibility: moderate; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		CM
27/06/2024	Vantage Point Survey	VP2	3:00 starting at 12:45	Visibility: moderate; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		NS
27/06/2024	Vantage Point Survey	VP2	3:00 starting at 16:15	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		NS
01/07/2024	Vantage Point Survey	VP1	3:00 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	3hrs caught up from last month	NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
02/07/2024	Vantage Point Survey	VP8	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Teams working on nearest two turbines.	CM
02/07/2024	Vantage Point Survey	VP4	1:00 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	June Survey	NS
09/07/2024	Vantage Point Survey	VP1	3:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
09/07/2024	Vantage Point Survey	VP1	3:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
10/07/2024	Vantage Point Survey	VP6	3:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
10/07/2024	Vantage Point Survey	VP6	3:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
10/07/2024	Vantage Point Survey	VP5	3:00 starting at 17:20	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
11/07/2024	Vantage Point Survey	VP2	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
11/07/2024	Vantage Point Survey	VP2	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
15/07/2024	Vantage Point Survey	VP4	3:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
15/07/2024	Vantage Point Survey	VP4	3:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
16/07/2024	Vantage Point Survey	VP3	3:00 starting at 11:30	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
16/07/2024	Vantage Point Survey	VP3	3:00 starting at 15:00	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
17/07/2024	Vantage Point Survey	VP8	3:00 starting at 09:30	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
17/07/2024	Vantage Point Survey	VP8	3:00 starting at 13:00	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
30/07/2024	Vantage Point Survey	VP5	3:00 starting at 18:20	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
31/07/2024	Vantage Point Survey	VP7	3:00 starting at 12:15	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
31/07/2024	Vantage Point Survey	VP7	3:00 starting at 15:45	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
01/08/2024	Vantage Point Survey	VP5	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
01/08/2024	Vantage Point Survey	VP5	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
06/08/2024	Vantage Point Survey	VP4	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
06/08/2024	Vantage Point Survey	VP4	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
07/08/2024	Vantage Point Survey	VP8	3:00 starting at 10:00	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
07/08/2024	Vantage Point Survey	VP3	3:00 starting at 13:30	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
07/08/2024	Vantage Point Survey	VP3	3:00 starting at 17:00	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
08/08/2024	Vantage Point Survey	VP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
08/08/2024	Vantage Point Survey	VP1	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
20/08/2024	Vantage Point Survey	VP7	3:00 starting at 11:45	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
20/08/2024	Vantage Point Survey	VP7	3:00 starting at 15:15	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
21/08/2024	Vantage Point Survey	VP8	3:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
21/08/2024	Vantage Point Survey	VP6	3:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
21/08/2024	Vantage Point Survey	VP6	3:00 starting at 17:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
22/08/2024	Vantage Point Survey	VP2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
22/08/2024	Vantage Point Survey	VP2	3:00 starting at 14:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
05/09/2024	Vantage Point Survey	VP1	3:00 starting at 05:50	Visibility: good; Wind speed and direction: gentle breeze ESE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
05/09/2024	Vantage Point Survey	VP1	3:00 starting at 09:20	Visibility: good; Wind speed and direction: gentle breeze ESE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
06/09/2024	Vantage Point Survey	VP4	3:00 starting at 06:00	Visibility: good; Wind speed and direction: gentle breeze ESE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
06/09/2024	Vantage Point Survey	VP4	3:00 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze ESE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
09/09/2024	Vantage Point Survey	VP5	3:00 starting at 06:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
09/09/2024	Vantage Point Survey	VP5	3:00 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
10/09/2024	Vantage Point Survey	VP3	3:00 starting at 06:10	Visibility: moderate; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
10/09/2024	Vantage Point Survey	VP3	3:00 starting at 09:40	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
11/09/2024	Vantage Point Survey	VP6	3:00 starting at 06:00	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
11/09/2024	Vantage Point Survey	VP6	3:00 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
11/09/2024	Vantage Point Survey	VP2	3:00 starting at 13:15	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		AOD
16/09/2024	Vantage Point Survey	VP8	3:00 starting at 06:00	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
16/09/2024	Vantage Point Survey	VP8	3:00 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
17/09/2024	Vantage Point Survey	VP2	3:00 starting at 06:10	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		AOD

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
30/09/2024	Vantage Point Survey	VP7	3:00 starting at 06:30	Visibility: good; Wind speed and direction: fresh breeze NNE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
30/09/2024	Vantage Point Survey	VP7	3:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze NNE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
01/10/2024	Vantage Point Survey	VP1	3:00 starting at 13:35	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
01/10/2024	Vantage Point Survey	VP1	3:00 starting at 17:05	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
02/10/2024	Vantage Point Survey	VP2	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze ESE; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		NS
02/10/2024	Vantage Point Survey	VP2	3:00 starting at 18:00	Visibility: good; Wind speed and direction: moderate breeze ESE; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		NS
11/11/2024	Vantage Point Survey	VP1	3:00 starting at 07:30	Visibility: good; Wind speed and direction: moderate breeze ESE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
11/11/2024	Vantage Point Survey	VP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
18/11/2024	Vantage Point Survey	VP6	3:00 starting at 11:00	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	vp catchup	NS
18/11/2024	Vantage Point Survey	VP6	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	vp catchup	NS
25/11/2024	Vantage Point Survey	VP8	3:00 starting at 10:50	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	october survey	NS
25/11/2024	Vantage Point Survey	VP8	3:00 starting at 14:20	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	october survey	NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
27/11/2024	Vantage Point Survey	VP6	3:00 starting at 07:30	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% <150m; Rain: none; Frost: light; Snow: none		NS
27/11/2024	Vantage Point Survey	VP6	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
28/11/2024	Vantage Point Survey	VP2	3:00 starting at 07:30	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
28/11/2024	Vantage Point Survey	VP2	3:00 starting at 11:00	Visibility: good; Wind speed and direction: strong breeze ESE; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
30/11/2024	Vantage Point Survey	VP8	3:00 starting at 07:30	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: light; Snow: none		NS
30/11/2024	Vantage Point Survey	VP8	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
03/12/2024	Vantage Point Survey	VP1	3:00 starting at 10:50	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
03/12/2024	Vantage Point Survey	VP1	3:00 starting at 14:25	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
04/12/2024	Vantage Point Survey	VP6	3:00 starting at 10:45	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
04/12/2024	Vantage Point Survey	VP6	3:00 starting at 14:15	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		NS
09/12/2024	Vantage Point Survey	VP2	3:00 starting at 10:35	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		NS
09/12/2024	Vantage Point Survey	VP2	3:00 starting at 14:10	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
10/12/2024	Vantage Point Survey	VP8	3:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% <150m; Rain: none; Frost: light; Snow: none		NS
10/12/2024	Vantage Point Survey	VP8	3:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
16/01/2025	Vantage Point Survey	VP6	3:00 starting at 07:45	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Largely fair throughout, overcast and bright. Fresh S breeze throughout. Mild, 6 - 11°C. Dawn survey. Sunrise - 08:47	NM
16/01/2025	Vantage Point Survey	VP6	3:00 starting at 11:15	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Becoming brighter at times, brief sun peeking through	NM
17/01/2025	Vantage Point Survey	VP8	3:00 starting at 07:45	Visibility: good; Wind speed and direction: near gale S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Largely fair throughout, strong breeze (with even stronger gusts). Wind chill, 4 - 10°C. Dawn survey. Sunrise - 08:45	NM
17/01/2025	Vantage Point Survey	VP8	3:00 starting at 11:15	Visibility: good; Wind speed and direction: strong breeze SSW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Becoming brighter, longer periods of sunshine in afternoon	NM
29/01/2025	Vantage Point Survey	VP1	3:00 starting at 07:28	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
29/01/2025	Vantage Point Survey	VP1	3:00 starting at 10:58	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
31/01/2025	Vantage Point Survey	VP2	3:00 starting at 07:25	Visibility: good; Wind speed and direction: gentle breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
31/01/2025	Vantage Point Survey	VP2	3:00 starting at 10:55	Visibility: good; Wind speed and direction: gentle breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
12/02/2025	Vantage Point Survey	VP1	3:00 starting at 12:08	Visibility: good; Wind speed and direction: strong breeze ESE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
12/02/2025	Vantage Point Survey	VP1	3:00 starting at 15:38	Visibility: good; Wind speed and direction: strong breeze ESE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
14/02/2025	Vantage Point Survey	VP6	3:00 starting at 12:10	Visibility: good; Wind speed and direction: fresh breeze ESE; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
14/02/2025	Vantage Point Survey	VP6	3:00 starting at 15:40	Visibility: good; Wind speed and direction: fresh breeze ESE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
25/02/2025	Vantage Point Survey	VP2	3:00 starting at 12:30	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
25/02/2025	Vantage Point Survey	VP2	3:00 starting at 16:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
03/03/2025	Vantage Point Survey	VP8	3:00 starting at 12:45	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	February survey	NS
03/03/2025	Vantage Point Survey	VP8	3:00 starting at 16:16	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	February survey	NS
10/03/2025	Vantage Point Survey	VP8	3:00 starting at 06:02	Visibility: good; Wind speed and direction: moderate breeze ENE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
10/03/2025	Vantage Point Survey	VP8	3:00 starting at 09:32	Visibility: good; Wind speed and direction: moderate breeze ENE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
25/03/2025	Vantage Point Survey	VP6	3:00 starting at 05:24	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
25/03/2025	Vantage Point Survey	VP6	3:00 starting at 08:54	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
26/03/2025	Vantage Point Survey	VP1	3:00 starting at 05:22	Visibility: moderate; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
26/03/2025	Vantage Point Survey	VP1	3:00 starting at 08:52	Visibility: moderate; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
27/03/2025	Vantage Point Survey	VP2	3:00 starting at 05:21	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
27/03/2025	Vantage Point Survey	VP2	3:00 starting at 08:51	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS

Table 7 - 1 - 2 Winter walkover survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
29/10/2021	Winter Walkover Survey	T1	0:40 starting at 11:45	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CH
29/10/2021	Winter Walkover Survey	T2	0:17 starting at 12:30	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CH
29/10/2021	Winter Walkover Survey	T3	0:30 starting at 13:10	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CH
29/10/2021	Winter Walkover Survey	T4	0:11 starting at 13:53	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	no target species	CH
29/10/2021	Winter Walkover Survey	T5	0:07 starting at 14:07	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	no target species	CH
29/10/2021	Winter Walkover Survey	T6	1:16 starting at 14:40	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CH
03/11/2021	Winter Walkover Survey	T1	2:35 starting at 11:05	Visibility: good; Wind speed and direction: strong breeze N; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	Sheep carcass attracting large numbers (>40) ravens, 7 degrees, blustery conditions	CH
03/11/2021	Winter Walkover Survey	T2	0:45 starting at 14:05	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	7 degrees, blustery conditions	CH
05/11/2021	Winter Walkover Survey	T3	1:07 starting at 11:25	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		CH
05/11/2021	Winter Walkover Survey	T4	0:31 starting at 12:50	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
05/11/2021	Winter Walkover Survey	T5	0:15 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
09/11/2021	Winter Walkover Survey	T6	0:30 starting at 11:52	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
09/11/2021	Winter Walkover Survey	T7	0:30 starting at 12:35	Visibility: moderate; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	No target species seen	CH
10/11/2021	Winter Walkover Survey	T8	1:26 starting at 11:12	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CH
10/11/2021	Winter Walkover Survey	T9	0:25 starting at 14:15	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CH
23/11/2021	Winter Walkover Survey	T1	0:37 starting at 10:35	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
23/11/2021	Winter Walkover Survey	T2	0:16 starting at 11:24	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	no target species	CH
23/11/2021	Winter Walkover Survey	T3	0:32 starting at 12:03	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
23/11/2021	Winter Walkover Survey	T6	0:56 starting at 12:44	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	no target species	CH
24/11/2021	Winter Walkover Survey	T7	0:55 starting at 10:50	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CH
24/11/2021	Winter Walkover Survey	T8	0:38 starting at 12:25	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	no target species	CH
24/11/2021	Winter Walkover Survey	T9	0:25 starting at 13:15	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	no target species	CH
24/11/2021	Winter Walkover Survey	T10	0:13 starting at 14:33	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	no target species, 5°C	CH
01/12/2021	Winter Walkover Survey	T1	2:25 starting at 10:15	Visibility: good; Wind speed and direction: near gale NNW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
01/12/2021	Winter Walkover Survey	T9	0:25 starting at 13:20	Visibility: good; Wind speed and direction: strong breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
01/12/2021	Winter Walkover Survey	T4	0:33 starting at 14:00	Visibility: good; Wind speed and direction: strong breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	5°C, hail showers	CH
02/12/2021	Winter Walkover Survey	T8	1:00 starting at 10:50	Visibility: good; Wind speed and direction: light breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		CH
02/12/2021	Winter Walkover Survey	T5	0:23 starting at 12:12	Visibility: moderate; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	No target species seen	CH
02/12/2021	Winter Walkover Survey	T2	0:25 starting at 13:20	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	No target species seen	CH
03/12/2021	Winter Walkover Survey	T6	0:43 starting at 10:47	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
03/12/2021	Winter Walkover Survey	T7	0:35 starting at 11:50	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
08/12/2021	Winter Walkover Survey	T3	1:30 starting at 12:00	Visibility: good; Wind speed and direction: near gale W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
12/01/2022	Winter Walkover Survey	T1	0:35 starting at 11:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CH
12/01/2022	Winter Walkover Survey	T2	0:28 starting at 11:40	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CH
12/01/2022	Winter Walkover Survey	T3	0:30 starting at 12:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	no target species	CH
12/01/2022	Winter Walkover Survey	T6	0:55 starting at 13:10	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
14/01/2022	Winter Walkover Survey	T7	0:55 starting at 11:25	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
14/01/2022	Winter Walkover Survey	T8	0:45 starting at 12:25	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
14/01/2022	Winter Walkover Survey	T9	0:15 starting at 13:15	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	no target species	CH
14/01/2022	Winter Walkover Survey	T10	0:15 starting at 13:45	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	no target species	CH
14/01/2022	Winter Walkover Survey	T5	0:35 starting at 14:15	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	no target species	CH
18/01/2022	Winter Walkover Survey	T7	0:45 starting at 10:55	Visibility: poor; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	No target species seen	CH
18/01/2022	Winter Walkover Survey	T6	0:30 starting at 12:05	Visibility: moderate; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	No target species seen	CH
18/01/2022	Winter Walkover Survey	T9	0:15 starting at 13:00	Visibility: moderate; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No target species seen	CH
18/01/2022	Winter Walkover Survey	T1	2:30 starting at 13:30	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		CH
19/01/2022	Winter Walkover Survey	T8	1:15 starting at 10:40	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
19/01/2022	Winter Walkover Survey	T2	0:40 starting at 12:10	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
19/01/2022	Winter Walkover Survey	T4	0:45 starting at 13:20	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
19/01/2022	Winter Walkover Survey	T5	0:25 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No target species seen	CH
21/01/2022	Winter Walkover Survey	T3	1:30 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	No target species seen	CH
03/03/2022	Winter Walkover Survey	T1	0:35 starting at 10:25	Visibility: good; Wind speed and direction: light breeze WNW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CH
03/03/2022	Winter Walkover Survey	T2	0:30 starting at 11:20	Visibility: good; Wind speed and direction: light breeze WNW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CH
03/03/2022	Winter Walkover Survey	T3	0:35 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
03/03/2022	Winter Walkover Survey	T6	1:15 starting at 12:45	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	7°C	CH
03/03/2022	Winter Walkover Survey	T7	0:40 starting at 14:25	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
03/03/2022	Winter Walkover Survey	T8	0:50 starting at 15:10	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
03/03/2022	Winter Walkover Survey	T9	0:20 starting at 16:10	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	no target species	CH
09/03/2022	Winter Walkover Survey	T8	1:30 starting at 11:30	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
09/03/2022	Winter Walkover Survey	T1	2:55 starting at 13:20	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
10/03/2022	Winter Walkover Survey	T6	0:40 starting at 09:00	Visibility: good; Wind speed and direction: near gale SSE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No target species seen	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
10/03/2022	Winter Walkover Survey	T7	0:45 starting at 10:30	Visibility: good; Wind speed and direction: near gale SSE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
10/03/2022	Winter Walkover Survey	T9	0:30 starting at 12:00	Visibility: good; Wind speed and direction: near gale SSE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No target species seen	CH
10/03/2022	Winter Walkover Survey	T2	0:35 starting at 13:00	Visibility: good; Wind speed and direction: near gale SSE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No target species seen	CH
10/03/2022	Winter Walkover Survey	T3	1:20 starting at 14:00	Visibility: good; Wind speed and direction: near gale SSE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No target species seen	CH
10/03/2022	Winter Walkover Survey	T4	0:50 starting at 15:40	Visibility: good; Wind speed and direction: near gale SSE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
10/03/2022	Winter Walkover Survey	T5	0:30 starting at 17:20	Visibility: good; Wind speed and direction: near gale SSE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
05/10/2022	Winter Walkover Survey	T3, T4, T8	8:00 starting at 09:30	Visibility: moderate; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
06/10/2022	Winter Walkover Survey	T1, T2, T9	8:00 starting at 09:30	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
07/10/2022	Winter Walkover Survey	T5, T6, T7	8:00 starting at 09:30	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
01/11/2022	Winter Walkover Survey	500m Survey Radius	3:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		NS
02/11/2022	Winter Walkover Survey	500m Survey Radius	4:00 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		NS
03/11/2022	Winter Walkover Survey	500m Survey Radius	4:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
04/11/2022	Winter Walkover Survey	500m Survey Radius	4:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		NS
07/11/2022	Winter Walkover Survey	500m Survey Radius	4:00 starting at 09:00	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		NS
09/11/2022	Winter Walkover Survey	500m Survey Radius	4:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		NS
10/11/2022	Winter Walkover Survey	500m Survey Radius	4:00 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze SSW; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		NS
14/11/2022	Winter Walkover Survey	500m Survey Radius	4:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		NS
15/11/2022	Winter Walkover Survey	500m Survey Radius	4:00 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze SSW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		NS
13/01/2023	Winter Walkover Survey	T1, T6, T7, T9	5:00 starting at 09:00	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: light; Snow: on ground		NS
17/01/2023	Winter Walkover Survey	T2, T3, T4, T5, T8	5:00 starting at 09:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: light; Snow: on ground		NS
24/01/2023	Winter Walkover Survey	500m Survey Radius	5:30 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze SSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
10/02/2023	Winter Walkover Survey	500m Survey Radius	3:00 starting at 12:00	Visibility: moderate; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	Dunneill	NS
21/02/2023	Winter Walkover Survey	500m Survey Radius	3:00 starting at 11:40	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	Dunneill	NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
02/03/2023	Winter Walkover Survey	500m Survey Radius	6:00 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
10/03/2023	Winter Walkover Survey	500m Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: light; Snow: none		EP
21/03/2023	Winter Walkover Survey	500m Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
09/10/2023	Winter Walkover Survey	T1	3:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
11/10/2023	Winter Walkover Survey	T2	3:00 starting at 13:30	Visibility: moderate; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
12/10/2023	Winter Walkover Survey	T3	3:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
19/10/2023	Winter Walkover Survey	T4	3:00 starting at 14:00	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
08/11/2023	Winter Walkover Survey	T1	3:00 starting at 09:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: drizzle; Frost: none; Snow: none		EP
08/11/2023	Winter Walkover Survey	T1	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	logging underway at entrance to Kingsmountain wind farm	EP
09/11/2023	Winter Walkover Survey	T2	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
14/11/2023	Winter Walkover Survey	T3	3:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
21/11/2023	Winter Walkover Survey	T4	3:00 starting at 11:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
22/11/2023	Winter Walkover Survey	T5	3:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		EP
23/11/2023	Winter Walkover Survey	T6	6:00 starting at 10:00	Visibility: moderate; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		EP
04/01/2024	Winter Walkover Survey	T1, T2	6:00 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
11/01/2024	Winter Walkover Survey	500m Survey Radius	5:30 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
11/01/2024	Winter Walkover Survey	T3	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
16/01/2024	Winter Walkover Survey	T4	3:00 starting at 11:45	Visibility: moderate; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
14/03/2024	Winter Walkover Survey	T1	3:00 starting at 14:20	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		AOD
15/03/2024	Winter Walkover Survey	T2	3:00 starting at 14:20	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		AOD
20/03/2024	Winter Walkover Survey	T3	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		AOD
20/03/2024	Winter Walkover Survey	500m Survey Radius	3:00 starting at 13:40	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
20/03/2024	Winter Walkover Survey	T4	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		AOD
22/03/2024	Winter Walkover Survey	500m Survey Radius	2:35 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS

Table 7 - 1 - 3 Breeding walkover survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
28/04/2021	Breeding Walkover Survey	500m Survey Radius	3:00 starting at 11:32	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	A bright, sunny day, with a cool north-westerly breeze. A pair of Buzzards were seen hunting over the edge of upland moor, in flight together. A Lesser Black Backed Gull was seen on Lough Nafulllow, before flying away - with a drake Mallard also nearby on the water.	LD
28/04/2021	Breeding Walkover Survey	500m Survey Radius	3:13 starting at 14:32	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		LD
26/05/2021	Breeding Walkover Survey	500m Survey Radius	9:15 starting at 08:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Clear, bright and sunny with occasional cloudy patches early on - but mostly clear and bright, 7 - 14˚C. Almost no cloud after lunch. Good visibility but heat haze hampered visibility.	NM
23/06/2021	Breeding Walkover Survey	500m Survey Radius	1:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	South	CD
23/06/2021	Breeding Walkover Survey	500m Survey Radius	1:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CD
23/06/2021	Breeding Walkover Survey	500m Survey Radius	1:00 starting at 14:00	Visibility: poor; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		CD
24/06/2021	Breeding Walkover Survey	500m Survey Radius	1:00 starting at 15:20	Visibility: moderate; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none	North. Wet	CD
24/06/2021	Breeding Walkover Survey	500m Survey Radius	1:00 starting at 16:20	Visibility: moderate; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		CD
24/06/2021	Breeding Walkover Survey	500m Survey Radius	1:00 starting at 17:20	Visibility: moderate; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		CD
21/07/2021	Breeding Walkover Survey	500m Survey Radius	8:15 starting at 04:45	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Beautifully cool early in the morning with some mist and dew on the ground - cool breeze particularly apparent at this time. Began to rapidly warm up from 07:30 onwards until it became warm and oppressively hot again with very little wind (12 - 29˚C). Almost no	NM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
					wind nor clouds - complete dead heat (especially in areas sheltered with vegetation).	
07/04/2022	Breeding Walkover Survey	T1	3:05 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	nice sunny spells	CH
11/04/2022	Breeding Walkover Survey	T2	2:50 starting at 10:45	Visibility: good; Wind speed and direction: gale SE; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	12˚C, heavy shower at 12:45 for 15 minutes	CH
11/04/2022	Breeding Walkover Survey	T3	2:10 starting at 14:30	Visibility: good; Wind speed and direction: gale SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	12˚C	CH
12/04/2022	Breeding Walkover Survey	T4	1:35 starting at 08:45	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	11˚C	CH
12/04/2022	Breeding Walkover Survey	T5	3:15 starting at 11:20	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
13/04/2022	Breeding Walkover Survey	T6	3:50 starting at 11:40	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	14˚C, spectacular visibility	CH
25/04/2022	Breeding Walkover Survey	T7	2:00 starting at 10:45	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	12˚C	CH
25/04/2022	Breeding Walkover Survey	T7	1:55 starting at 15:50	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
26/04/2022	Breeding Walkover Survey	T8	1:20 starting at 10:40	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	13˚C	CH
26/04/2022	Breeding Walkover Survey	T8	1:30 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
27/04/2022	Breeding Walkover Survey	T9	2:40 starting at 08:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	6˚C	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
28/04/2022	Breeding Walkover Survey	T10	1:50 starting at 08:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
04/05/2022	Breeding Walkover Survey	T1	3:00 starting at 15:40	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
05/05/2022	Breeding Walkover Survey	T2	2:30 starting at 12:20	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
06/05/2022	Breeding Walkover Survey	T9	1:40 starting at 17:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		CH
09/05/2022	Breeding Walkover Survey	T3	1:30 starting at 13:15	Visibility: moderate; Wind speed and direction: near gale SW; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		CH
10/05/2022	Breeding Walkover Survey	T11	1:55 starting at 16:55	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CH
11/05/2022	Breeding Walkover Survey	T6	2:55 starting at 16:05	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
12/05/2022	Breeding Walkover Survey	T12	1:55 starting at 09:15	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CH
16/05/2022	Breeding Walkover Survey	T5	3:10 starting at 15:15	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CH
17/05/2022	Breeding Walkover Survey	T7	5:30 starting at 13:30	Visibility: good; Wind speed and direction: fresh breeze SSE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
27/05/2022	Breeding Walkover Survey	T10	2:20 starting at 17:15	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
31/05/2022	Breeding Walkover Survey	T4	1:30 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
01/06/2022	Breeding Walkover Survey	T9	2:00 starting at 10:45	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CH
01/06/2022	Breeding Walkover Survey	T9	1:00 starting at 19:25	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
02/06/2022	Breeding Walkover Survey	T5	2:45 starting at 14:10	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		CH
03/06/2022	Breeding Walkover Survey	T1	2:50 starting at 09:25	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	lovely day, 17˚C	CH
17/06/2022	Breeding Walkover Survey	T11	1:05 starting at 13:10	Visibility: good; Wind speed and direction: moderate breeze WNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
20/06/2022	Breeding Walkover Survey	T13	2:00 starting at 14:05	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	18°C; first summery feeling day of the year!	CH
21/06/2022	Breeding Walkover Survey	T12	2:40 starting at 11:50	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	very muggy after 13:00	CH
22/06/2022	Breeding Walkover Survey	T6	3:10 starting at 11:30	Visibility: moderate; Wind speed and direction: light air W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	no visibility over 250m, as cloud hanging on mountains; extremely heavy/humid/muggy, 17˚C	CH
23/06/2022	Breeding Walkover Survey	T2	2:30 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
27/06/2022	Breeding Walkover Survey	T3	1:30 starting at 09:40	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
28/06/2022	Breeding Walkover Survey	T7	6:00 starting at 09:00	Visibility: good; Wind speed and direction: gale SW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none	very vew MPs, probably due to wind	CH
29/06/2022	Breeding Walkover Survey	T10	2:45 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
29/06/2022	Breeding Walkover Survey	T13	2:00 starting at 14:15	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none	aimed to go further west towards wetland, but quaking bog too dangerous after a week of heavy rain; mini VP 30 mins at most westerly point instead	CH
30/06/2022	Breeding Walkover Survey	T4	2:55 starting at 10:10	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	Could not go usual route as river impassable, flooded	CH
01/07/2022	Breeding Walkover Survey	T6	3:30 starting at 09:45	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
04/07/2022	Breeding Walkover Survey	T3	1:20 starting at 16:40	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
05/07/2022	Breeding Walkover Survey	T2	2:50 starting at 13:15	Visibility: limited; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		CH
06/07/2022	Breeding Walkover Survey	T12	2:40 starting at 13:45	Visibility: moderate; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CH
07/07/2022	Breeding Walkover Survey	T13	2:15 starting at 14:35	Visibility: good; Wind speed and direction: light breeze WNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
07/07/2022	Breeding Walkover Survey	T11	0:45 starting at 16:55	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
11/07/2022	Breeding Walkover Survey	T1	2:40 starting at 10:00	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
13/07/2022	Breeding Walkover Survey	T10	2:55 starting at 10:40	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
15/07/2022	Breeding Walkover Survey	T5	2:50 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
19/07/2022	Breeding Walkover Survey	T9	1:55 starting at 08:35	Visibility: moderate; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
19/07/2022	Breeding Walkover Survey	T9	1:05 starting at 13:50	Visibility: poor; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CH
20/07/2022	Breeding Walkover Survey	T4	2:45 starting at 13:25	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	very quiet, only a handful of meadow pipits around	CH
21/07/2022	Breeding Walkover Survey	T8	1:45 starting at 11:20	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
21/07/2022	Breeding Walkover Survey	T8	2:20 starting at 16:20	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
22/07/2022	Breeding Walkover Survey	T7	4:00 starting at 10:30	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	21°C	CH
25/07/2022	Breeding Walkover Survey	T14	2:25 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
04/04/2023	Breeding Walkover Survey	500m Survey Radius	4:00 starting at 09:00	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
12/04/2023	Breeding Walkover Survey	T1	3:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
13/04/2023	Breeding Walkover Survey	T2	3:00 starting at 13:30	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
14/04/2023	Breeding Walkover Survey	T3	3:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
20/04/2023	Breeding Walkover Survey	T4	3:00 starting at 10:45	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
21/04/2023	Breeding Walkover Survey	T5	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
24/04/2023	Breeding Walkover Survey	T6	3:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
25/04/2023	Breeding Walkover Survey	T7	3:00 starting at 18:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Area burnt from fire	EP
27/04/2023	Breeding Walkover Survey	500m Survey Radius	3:40 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Dunneill	NS
27/04/2023	Breeding Walkover Survey	T8	3:00 starting at 12:00	Visibility: moderate; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		EP
03/05/2023	Breeding Walkover Survey	T9	3:00 starting at 09:45	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
03/05/2023	Breeding Walkover Survey	T10	3:00 starting at 14:00	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
04/05/2023	Breeding Walkover Survey	T1	3:00 starting at 08:30	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
09/05/2023	Breeding Walkover Survey	T2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
10/05/2023	Breeding Walkover Survey	T3	3:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		EP
10/05/2023	Breeding Walkover Survey	T12	3:00 starting at 16:10	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
11/05/2023	Breeding Walkover Survey	T4	3:00 starting at 16:00	Visibility: good; Wind speed and direction: strong breeze N; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
12/05/2023	Breeding Walkover Survey	T5	3:00 starting at 11:30	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
15/05/2023	Breeding Walkover Survey	T6	3:00 starting at 15:30	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
17/05/2023	Breeding Walkover Survey	T7	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
19/05/2023	Breeding Walkover Survey	T8	3:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
25/05/2023	Breeding Walkover Survey	T9	3:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
29/05/2023	Breeding Walkover Survey	T10	3:00 starting at 16:00	Visibility: good; Wind speed and direction: calm NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	no wind	EP
31/05/2023	Breeding Walkover Survey	T1	3:00 starting at 16:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
01/06/2023	Breeding Walkover Survey	T2	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
01/06/2023	Breeding Walkover Survey	T11	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
13/06/2023	Breeding Walkover Survey	T3	3:00 starting at 16:30	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
22/06/2023	Breeding Walkover Survey	T4	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
27/06/2023	Breeding Walkover Survey	T5	3:00 starting at 18:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		EP
28/06/2023	Breeding Walkover Survey	T6	3:00 starting at 13:40	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
29/06/2023	Breeding Walkover Survey	T7	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
30/06/2023	Breeding Walkover Survey	T8	3:00 starting at 17:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		EP
03/07/2023	Breeding Walkover Survey	T9	3:00 starting at 18:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		EP
04/07/2023	Breeding Walkover Survey	T10	3:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
11/07/2023	Breeding Walkover Survey	T1	3:00 starting at 17:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
12/07/2023	Breeding Walkover Survey	T2	3:00 starting at 12:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
13/07/2023	Breeding Walkover Survey	T3	3:00 starting at 11:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
13/07/2023	Breeding Walkover Survey	T4	3:00 starting at 18:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP
19/07/2023	Breeding Walkover Survey	T5	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
19/07/2023	Breeding Walkover Survey	T6	3:00 starting at 18:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
20/07/2023	Breeding Walkover Survey	T7	3:00 starting at 11:45	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
20/07/2023	Breeding Walkover Survey	T8	3:00 starting at 18:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
27/07/2023	Breeding Walkover Survey	T9	3:00 starting at 13:30	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
03/08/2023	Breeding Walkover Survey	T10	3:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP
17/04/2024	Breeding Walkover Survey	T2	3:00 starting at 11:00	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
17/04/2024	Breeding Walkover Survey	T8	3:00 starting at 14:30	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		NS
18/04/2024	Breeding Walkover Survey	T4	4:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
18/04/2024	Breeding Walkover Survey	T10	2:00 starting at 16:10	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
19/04/2024	Breeding Walkover Survey	T9	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
19/04/2024	Breeding Walkover Survey	T5	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
22/04/2024	Breeding Walkover Survey	T1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
22/04/2024	Breeding Walkover Survey	T3	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
29/04/2024	Breeding Walkover Survey	T6	3:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
29/04/2024	Breeding Walkover Survey	T7	2:00 starting at 15:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
03/05/2024	Breeding Walkover Survey	T4	3:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% <150m; Rain: drizzle; Frost: none; Snow: none	Dunneil	NS
03/05/2024	Breeding Walkover Survey	T6	3:00 starting at 17:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none	Dunneil	NS
07/05/2024	Breeding Walkover Survey	T3	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
07/05/2024	Breeding Walkover Survey	T7	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
10/05/2024	Breeding Walkover Survey	T5	3:00 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
10/05/2024	Breeding Walkover Survey	T10	3:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
20/05/2024	Breeding Walkover Survey	T9	0:30 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze ENE; Cloud cover and height: 33-66% <150m; Rain: light showers; Frost: none; Snow: none	called off due to orange warning	NS
21/05/2024	Breeding Walkover Survey	T1	3:00 starting at 10:50	Visibility: moderate; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
21/05/2024	Breeding Walkover Survey	T8	3:00 starting at 14:15	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
29/05/2024	Breeding Walkover Survey	T2	3:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
29/05/2024	Breeding Walkover Survey	T9	2:30 starting at 17:00	Visibility: good; Wind speed and direction: moderate breeze WNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	finishing survey from 20/05/2024	NS
30/05/2024	Breeding Walkover Survey	T4	3:00 starting at 11:30	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Dunneil	NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
30/05/2024	Breeding Walkover Survey	T6	3:00 starting at 15:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Dunneil	NS
11/06/2024	Breeding Walkover Survey	T2	3:00 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
12/06/2024	Breeding Walkover Survey	T8	3:00 starting at 17:00	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
19/06/2024	Breeding Walkover Survey	T3	3:00 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
20/06/2024	Breeding Walkover Survey	T5	3:00 starting at 13:00	Visibility: good; Wind speed and direction: strong breeze SSE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
20/06/2024	Breeding Walkover Survey	T10	3:00 starting at 16:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
21/06/2024	Breeding Walkover Survey	T9	3:00 starting at 16:30	Visibility: poor; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
25/06/2024	Breeding Walkover Survey	T1	3:00 starting at 13:30	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
25/06/2024	Breeding Walkover Survey	T7	3:00 starting at 17:00	Visibility: good; Wind speed and direction: fresh breeze NNE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
01/07/2024	Breeding Walkover Survey	T4	2:00 starting at 15:30	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	June Survey	NS
02/07/2024	Breeding Walkover Survey	T6	4:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none	June Survey	NS
03/07/2024	Breeding Walkover Survey	T3	3:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
03/07/2024	Breeding Walkover Survey	T7	3:00 starting at 13:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
23/07/2024	Breeding Walkover Survey	T2	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
23/07/2024	Breeding Walkover Survey	T9	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
24/07/2024	Breeding Walkover Survey	T10	3:00 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	T10 (Adapted for merlin search)	NS
24/07/2024	Breeding Walkover Survey	T5	3:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	t5 (Adapted for merlin search)	NS
25/07/2024	Breeding Walkover Survey	T9	3:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	t1 (Adapted for merlin search)	NS
25/07/2024	Breeding Walkover Survey	T6	3:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	t6 (Adapted for merlin search)	NS
30/07/2024	Breeding Walkover Survey	T8	3:00 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
30/07/2024	Breeding Walkover Survey	T4	3:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS

Table 7 - 1 - 4 Waterbird distribution and abundance survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
12/08/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	11:30 starting at 07:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: heavy showers; Frost: none; Snow: none	Warm and humid but with moderate SW breeze which was quite strong at times (12 - 16°C). Frequent heavy showers early in the day but also with frequent clearances and sunny spells.	NM
13/08/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	11:30 starting at 07:00	Visibility: moderate; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Wild, moist and windy day with fresh W breeze - especially apparent on upper site on open blanket bog. Overcast with clouds drifting across all day - dark clouds, 85% cover. Cool early but turning mild for the day and remaining that way. Pretty much consistent light and misty rain which hampered visibility at times, with some heavier blustery showers. Light drizzle mostly with occasional clearer and brighter patches.	NM
25/08/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	10:45 starting at 06:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Day starting off cool with striking bright sunrise. Heating up rapidly (13 - 27°C). Heat in middle of day explained apparent lack of bird activity. Breeze was greatly appreciated in open areas but had little effect within forestry and shaded area.	NM
26/08/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 06:00	Visibility: good; Wind speed and direction: calm NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Day started of cool and bright but heated up rapidly towards mid-morning (14 - 29°C). Almost no wind which created extremely hot and oppressive conditions up on the high bog -> the hottest part of the day was skipped, 4 hr respite was taken, and the day was split in two. Heat haze at distance.	NM
26/08/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	4:15 starting at 16:45	Visibility: good; Wind speed and direction: calm N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	As evening approached, hazy cloud began to emerge which dampened intense sunshine. Still remained bright and hot however but cooling down nicely as the sun descended (29 - 16°C). Haze impeded visibility at distance. Sunset was an orange haze.	NM
08/09/2021	Waterbird Distribution and	8km Survey Radius	7:40 starting at 07:50	Visibility: poor; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	Consistent light rain with occasional heavier showers - persistent throughout and did not stop. Becoming very	NM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
	Abundance Survey				heavy by mid-afternoon - survey abandoned. Mild and humid (13 - 19°C).	
09/09/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	12:00 starting at 07:00	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Scattered light showers early on in the day but these did not persist. Almost entirely overcast with some thinning patches where the sun was attempting to burn through. High ground enveloped by drifting cloud. Mild with gentle N breeze (13 - 21°C).	NM
21/09/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	11:15 starting at 08:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Bright and clear early with clear skies and occasional cloud but cover sporadically increased and decreased throughout the day (~40% on average). Fresh W breeze, 13 - 16°C. Becoming cloudier by late afternoon and evening with cooler and higher wind - more apparent in open coastal and upland areas. Aughris head cliffs were almost completely abandoned -> stark contrast to busy breeding colony during summer.	NM
22/09/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	11:15 starting at 07:30	Visibility: moderate; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Strong W breeze which was especially apparent in open areas (12 - 17°C). Largely overcast with clearances and random patches of blue sky drifting across. Light but persistent rain started at ~16:30 with the strong SW breeze blowing sheets across. Visibility greatly reduced, persisted until the end of the survey.	NM
06/10/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 13:00	Visibility: moderate; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		AOD
07/10/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 13:00	Visibility: poor; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		AOD

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
26/10/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 11:30	Visibility: moderate; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		AOD
27/10/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		AOD
15/11/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	8:35 starting at 07:45	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none	Relatively mild (9 - 12˚C) with largely overcast sky - with some occasional brighter spells and scattered misty showers coming and going throughout the day. Moderate W breeze with occasional stronger gusts (especially in open areas). Remained largely dry, never straying below 80% cloud cover. Late afternoon saw wet conditions riding in from the NW bringing nasty squalls and showers	NM
16/11/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	8:15 starting at 08:30	Visibility: moderate; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Persistent drizzle and rain (with occasional heavy showers) throughout the morning with a strong W breeze - dull and entirely overcast. Very mild at times and felt very humid in sheltered areas (10 - 12˚C). Visibility was poor during the entire morning. Wet conditions ceased from lunchtime onwards and remained mostly dry for remainder of the day. Brightening for periods with sporadic brighter spells and reducing cloud cover. Strong W breeze still continued with some vicious squalls persisting into the evening.	NM
29/11/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:55 starting at 08:30	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none	Fresh and cool NW breeze with occasional blustery showers blowing across (8 - 11˚C). Largely grey and overcast but frequent clear patches blew across throughout the day leading to occasional sunny spells. Becoming drier by mid-morning but wetter again towards evening	NM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
30/11/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:30 starting at 08:30	Visibility: moderate; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	Grey and overcast mostly to start with some brighter patches and occasional drizzly showers (9 - 10°C). Cloud layer sinking as soon approached with an increase in the frequency of misty showers. Stayed largely clear until 15:30 when heavy rain began and did not let up.	NM
06/12/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	3:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
07/12/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	2:30 starting at 13:30	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: on ground	4°C, light patches of snow on high ground and some sheltered areas	CH
09/12/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:30 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CH
21/12/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:30 starting at 09:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
22/12/2021	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:30 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CH
06/01/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	3°C	CH
07/01/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: on ground	4°C; snow on ground at easky lough and bog aera, none elsewhere	CH
25/01/2022	Waterbird Distribution and	8km Survey Radius	2:00 starting at 10:10	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
	Abundance Survey					
25/01/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	4:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
26/01/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
08/02/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:30 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	very choppy at sea/storm waves	CH
09/02/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none	very choppy at sea/storm waves	CH
22/02/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:00 starting at 09:00	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 33-66% >500m; Rain: heavy showers; Frost: none; Snow: none	hail showers, 6°C	CH
25/02/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:30 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none	6°C, tide mostly full but on the way out for waterbird distribution survey at coast	CH
07/03/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	7°C	CH
08/03/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: moderate; Wind speed and direction: near gale SE; Cloud cover and height: 33-66% >500m; Rain: heavy showers; Frost: none; Snow: none	4°C; falling tide; difficult to use scope in coastal areas due to wind shake	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
30/03/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:00 starting at 08:30	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	4°C, in morning, max 7°C	CH
31/03/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:20 starting at 11:00	Visibility: good; Wind speed and direction: fresh breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	7°C	CH
07/04/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	8:30 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
08/04/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	8:30 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
28/04/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	8:30 starting at 09:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		NS
29/04/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	8:30 starting at 09:00	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		NS
04/05/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	8:30 starting at 09:00	Visibility: good; Wind speed and direction: light breeze ENE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
05/05/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	8:30 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze ENE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	some scattered showers throughout the day	NS
30/05/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	8:30 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze ENE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
31/05/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	8:30 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze ENE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
03/08/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:30 starting at 10:45	Visibility: moderate; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CH
04/08/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	4:30 starting at 09:45	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
29/08/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:15 starting at 11:15	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
30/08/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:45 starting at 09:30	Visibility: good; Wind speed and direction: fresh breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CH
08/09/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:15 starting at 11:45	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
09/09/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 09:45	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
21/09/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:15 starting at 08:45	Visibility: none; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CH
22/09/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	4:45 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
06/10/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:00 starting at 12:30	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		AOD
07/10/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:00 starting at 10:30	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		AOD
20/10/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:00 starting at 12:00	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		AOD
21/10/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:00 starting at 11:45	Visibility: poor; Wind speed and direction: strong breeze NE; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		AOD
15/11/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		AOD
16/11/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		AOD
28/11/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		AOD
06/12/2022	Waterbird Distribution and Abundance Survey	Belcolgy loughs & other lakes	7:00 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
09/12/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: heavy; Snow: none		AOD

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
13/12/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:30 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze ENE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: heavy; Snow: on ground	stuck on ice, finished on the 15th	NS
15/12/2022	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: light; Snow: on ground		NS
04/01/2023	Waterbird Distribution and Abundance Survey	Belcolgy loughs & other lakes	6:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
06/01/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:00 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
11/01/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
12/01/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
26/01/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:30 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
27/01/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:30 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
14/02/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		AOD

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
15/02/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		AOD
23/02/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	4:00 starting at 13:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		AOD
24/02/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	8:00 starting at 09:30	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		AOD
08/03/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
14/03/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:30 starting at 09:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP
16/03/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	3:30 starting at 13:00	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP
22/03/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 12:00	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
23/03/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	1:30 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
31/03/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:30 starting at 10:00	Visibility: none; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
03/04/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:30 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
04/04/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:30 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
18/04/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:30 starting at 09:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Fire on Easky Bog (Rathgoonaun)	EP
19/04/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:30 starting at 09:00	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Fire on Easky Bog (Rathgoonaun)	EP
09/05/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
12/05/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		NS
26/05/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	3:30 starting at 10:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
30/05/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	0:30 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none	Half day recorded on NS timesheet, however, no start or finish time, times seem to be put into excel wrong, correct times appear to be lost from records.	NS
31/05/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
05/09/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
06/09/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
26/09/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:30 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
02/10/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
25/10/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:00 starting at 09:00	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		AOD
26/10/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		AOD
09/11/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		AOD
14/11/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	7:00 starting at 10:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		AOD
17/11/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:30 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
20/11/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:30 starting at 09:00	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
30/11/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:30 starting at 09:30	Visibility: good; Wind speed and direction: strong breeze SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
04/12/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	November survey	NS
06/12/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 09:30			NS
07/12/2023	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
04/01/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 11:00	Visibility: good; Wind speed and direction: light air SSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	December survey done in January	NS
05/01/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 11:00	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	December survey done in January	NS
16/01/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:30 starting at 11:00	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: light; Snow: none	onsite lakes	NS
17/01/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: moderate; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: light; Snow: on ground	offsite/coast	NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
31/01/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:30 starting at 11:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	onsite lakes	NS
01/02/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:30 starting at 10:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	January survey, offsite/coast	NS
07/02/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:30 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze NNE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
09/02/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze ESE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
27/02/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
28/02/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
12/03/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:30 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
13/03/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
21/03/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:30 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
22/03/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	5:00 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
04/04/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 11:30	Visibility: good; Wind speed and direction: strong breeze WNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
05/04/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
23/04/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:30 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
25/04/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:30 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
08/05/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
09/05/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze ESE; Cloud cover and height: 33-66% <150m; Rain: drizzle; Frost: none; Snow: none		NS
27/05/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% <150m; Rain: drizzle; Frost: none; Snow: none		NS
28/05/2024	Waterbird Distribution and Abundance Survey	8km Survey Radius	6:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS

Table 7 - 1 - 5 Hen harrier roost survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
20/10/2021	Hen Harrier Roost Survey	HHVP1	2:05 starting at 16:55	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted	CH
29/10/2021	Hen Harrier Roost Survey	HHVP2	2:00 starting at 16:30	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	no Hen Harrier sighted	CH
01/11/2021	Hen Harrier Roost Survey	HHVP3	2:00 starting at 15:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	No Hen Harrier sighted, very heavy shower 16:45 to 16:55	CH
03/11/2021	Hen Harrier Roost Survey	HHVP4	2:00 starting at 15:30	Visibility: good; Wind speed and direction: strong breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted	CH
05/11/2021	Hen Harrier Roost Survey	HHVP6	2:10 starting at 15:20	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted	CH
08/11/2021	Hen Harrier Roost Survey	HHVP5	2:00 starting at 15:15	Visibility: limited; Wind speed and direction: near gale S; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted	CH
09/11/2021	Hen Harrier Roost Survey	HHVP8	2:00 starting at 15:20	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted, persistent rain from 15:50 to 17:00	CH
10/11/2021	Hen Harrier Roost Survey	HHVP7	2:00 starting at 15:20	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted, merlin roosting	CH
16/11/2021	Hen Harrier Roost Survey	HHVP1	2:00 starting at 07:30	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted	CH
16/11/2021	Hen Harrier Roost Survey	HHVP2	2:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted	CH
19/11/2021	Hen Harrier Roost Survey	HHVP4	2:00 starting at 07:40	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted, 11˚C	CH
19/11/2021	Hen Harrier Roost Survey	HHVP3	2:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Dunneill	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
23/11/2021	Hen Harrier Roost Survey	HHVP5	2:00 starting at 15:00	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Hen Harrier sighting	CH
24/11/2021	Hen Harrier Roost Survey	HHVP6	2:00 starting at 07:45	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	No Hen Harrier sighting. Very heavy hail showers which reduced visibility at times. 5˚C	CH
25/11/2021	Hen Harrier Roost Survey	HHVP7	2:00 starting at 14:50	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Hen Harrier sighting, golden eagle in area	CH
26/11/2021	Hen Harrier Roost Survey	HHVP8	2:00 starting at 14:50	Visibility: good; Wind speed and direction: gale NNW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	No Hen Harrier sighting. 4˚C. hail showers	CH
30/11/2021	Hen Harrier Roost Survey	HHVP1	2:00 starting at 14:55	Visibility: moderate; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted, 10˚, no break in rain	CH
01/12/2021	Hen Harrier Roost Survey	HHVP4	2:00 starting at 14:55	Visibility: good; Wind speed and direction: strong breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted, 5˚C	CH
02/12/2021	Hen Harrier Roost Survey	HHVP3	2:00 starting at 14:45	Visibility: moderate; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted; farmer herding sheep on quad with dogs in area 15:00 - 15:40; dry until 15:50	CH
08/12/2021	Hen Harrier Roost Survey	HHVP6	2:00 starting at 14:40	Visibility: moderate; Wind speed and direction: near gale W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Hen Harrier sighting	CH
13/12/2021	Hen Harrier Roost Survey	HHVP7	2:00 starting at 14:40	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No Hen Harrier sighting, farmer driving fence posts on side of mountain from 15:15 - 15:45	CH
14/12/2021	Hen Harrier Roost Survey	HHVP2	2:00 starting at 14:40	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted, 7˚C	CH
15/12/2021	Hen Harrier Roost Survey	HHVP8	2:00 starting at 14:40	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	No Hen Harrier sighting, Snipe hunters with dogs & guns. 11˚C	CH
23/12/2021	Hen Harrier Roost Survey	HHVP5	2:00 starting at 08:25	Visibility: moderate; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	No Hen Harrier sighting	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
04/01/2022	Hen Harrier Roost Survey	HHVP6	2:00 starting at 14:55	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	No Hen Harrier sighting, 2˚C sleet and hail showers	CH
11/01/2022	Hen Harrier Roost Survey	HHVP4	2:10 starting at 15:05	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Dunneill	CH
12/01/2022	Hen Harrier Roost Survey	HHVP7	2:10 starting at 15:10	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Hen Harrier sighting	CH
13/01/2022	Hen Harrier Roost Survey	HHVP3	2:00 starting at 15:10	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted	CH
14/01/2022	Hen Harrier Roost Survey	HHVP2	2:00 starting at 15:10	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted	CH
19/01/2022	Hen Harrier Roost Survey	HHVP5	2:00 starting at 15:20	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Hen Harrier sighting	CH
24/01/2022	Hen Harrier Roost Survey	HHVP8	2:00 starting at 15:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Hen Harrier sighting	CH
27/01/2022	Hen Harrier Roost Survey	HHVP1	2:00 starting at 15:30	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted	CH
03/02/2022	Hen Harrier Roost Survey	HHVP4	2:00 starting at 15:50	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted	CH
07/02/2022	Hen Harrier Roost Survey	HHVP1	2:00 starting at 16:00	Visibility: moderate; Wind speed and direction: near gale W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted, sunset at 17:28	CH
10/02/2022	Hen Harrier Roost Survey	HHVP8	2:10 starting at 16:05	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none	No Hen Harrier sighting, sunset at 17:34, 5˚C	CH
14/02/2022	Hen Harrier Roost Survey	HHVP5	2:10 starting at 16:10	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Hen Harrier sighting	CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
15/02/2022	Hen Harrier Roost Survey	HHVP3	2:05 starting at 16:10	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted	CH
17/02/2022	Hen Harrier Roost Survey	HHVP7	2:10 starting at 07:20	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: falling	very light snow showers, 2°C, no hen harrier sighting	CH
17/02/2022	Hen Harrier Roost Survey	HHVP6	2:15 starting at 16:15	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	4°C, exceptional visibility, no hen harrier sighting	CH
21/02/2022	Hen Harrier Roost Survey	HHVP2	2:00 starting at 16:25	Visibility: moderate; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	Dunneill, no Hen Harrier sighted	CH
07/03/2022	Hen Harrier Roost Survey	HHVP1	3:00 starting at 16:20	Visibility: good; Wind speed and direction: near gale WSW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Dunneill	NS
24/03/2022	Hen Harrier Roost Survey	HHVP6	2:35 starting at 17:25	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	10˚C, sunset at 18:55	CH
25/03/2022	Hen Harrier Roost Survey	HHVP8	2:35 starting at 17:25	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	12˚C, sunset at 18:56	CH
28/03/2022	Hen Harrier Roost Survey	HHVP3	3:00 starting at 18:10	Visibility: good; Wind speed and direction: light breeze SSE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Dunneill	NS
28/03/2022	Hen Harrier Roost Survey	HHVP7	2:35 starting at 18:30	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	15˚C, sunset at 20:04	CH
29/03/2022	Hen Harrier Roost Survey	HHVP4	3:00 starting at 18:10	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Dunneill	NS
29/03/2022	Hen Harrier Roost Survey	HHVP5	2:35 starting at 18:25	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	10˚, sunset at 20:06	CH
31/03/2022	Hen Harrier Roost Survey	HHVP2	3:00 starting at 18:10	Visibility: moderate; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none	Dunneill	NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
14/10/2022	Hen Harrier Roost Survey	HHVP1	3:00 starting at 16:30	Visibility: good; Wind speed and direction: strong breeze NE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
24/10/2022	Hen Harrier Roost Survey	HHVP2	3:00 starting at 16:20	Visibility: moderate; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
25/10/2022	Hen Harrier Roost Survey	HHVP3	3:00 starting at 16:20	Visibility: moderate; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
27/10/2022	Hen Harrier Roost Survey	HHVP4	3:00 starting at 16:10	Visibility: moderate; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
01/11/2022	Hen Harrier Roost Survey	HHVP5	3:00 starting at 15:00	Visibility: moderate; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
02/11/2022	Hen Harrier Roost Survey	HHVP6	3:00 starting at 15:00	Visibility: moderate; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
03/11/2022	Hen Harrier Roost Survey	HHVP7	3:00 starting at 15:00	Visibility: moderate; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	October Survey	NS
04/11/2022	Hen Harrier Roost Survey	HHVP8	3:00 starting at 15:00	Visibility: moderate; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
07/11/2022	Hen Harrier Roost Survey	HHVP6	3:00 starting at 14:50	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		NS
08/11/2022	Hen Harrier Roost Survey	HHVP8	3:00 starting at 14:50	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		NS
09/11/2022	Hen Harrier Roost Survey	HHVP5	3:00 starting at 14:50	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		NS
14/11/2022	Hen Harrier Roost Survey	HHVP3	3:00 starting at 14:40	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
15/11/2022	Hen Harrier Roost Survey	HHVP1	3:00 starting at 14:40	Visibility: good; Wind speed and direction: gentle breeze SSW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		NS
16/11/2022	Hen Harrier Roost Survey	HHVP2	3:00 starting at 14:33	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		NS
18/11/2022	Hen Harrier Roost Survey	HHVP4	3:00 starting at 14:40	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		NS
25/11/2022	Hen Harrier Roost Survey	HHVP7	3:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		NS
05/12/2022	Hen Harrier Roost Survey	HHVP3	2:30 starting at 14:40	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
06/12/2022	Hen Harrier Roost Survey	HHVP8	2:30 starting at 14:40	Visibility: good; Wind speed and direction: calm NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
07/12/2022	Hen Harrier Roost Survey	HHVP2	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		NS
07/12/2022	Hen Harrier Roost Survey	HHVP6	2:30 starting at 14:40	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
12/12/2022	Hen Harrier Roost Survey	HHVP1	3:00 starting at 14:37	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 33-66% <150m; Rain: none; Frost: light; Snow: on ground		NS
13/12/2022	Hen Harrier Roost Survey	HHVP5	2:30 starting at 14:40	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: on ground		EP
03/01/2023	Hen Harrier Roost Survey	HHVP4	3:00 starting at 14:25	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 33-66% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
04/01/2023	Hen Harrier Roost Survey	HHVP6	3:00 starting at 14:30	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
07/01/2023	Hen Harrier Roost Survey	HHVP7	3:00 starting at 14:30	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		NS
11/01/2023	Hen Harrier Roost Survey	HHVP8	3:00 starting at 14:30	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
12/01/2023	Hen Harrier Roost Survey	HHVP5	3:00 starting at 14:30	Visibility: good; Wind speed and direction: strong breeze WSW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
23/01/2023	Hen Harrier Roost Survey	HHVP7	3:00 starting at 14:40	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
23/01/2023	Hen Harrier Roost Survey	HHVP3	2:30 starting at 15:25	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
25/01/2023	Hen Harrier Roost Survey	HHVP1	2:30 starting at 15:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP
01/02/2023	Hen Harrier Roost Survey	HHVP4	2:30 starting at 15:40	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
06/02/2023	Hen Harrier Roost Survey	HHVP5	3:00 starting at 15:25	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
07/02/2023	Hen Harrier Roost Survey	HHVP2	2:30 starting at 15:55	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
09/02/2023	Hen Harrier Roost Survey	HHVP3	5:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
10/02/2023	Hen Harrier Roost Survey	HHVP6	3:00 starting at 15:30	Visibility: moderate; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		NS
13/02/2023	Hen Harrier Roost Survey	HHVP7	3:00 starting at 15:40	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
14/02/2023	Hen Harrier Roost Survey	HHVP2	3:00 starting at 16:08	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
21/02/2023	Hen Harrier Roost Survey	HHVP8	3:00 starting at 16:00	Visibility: moderate; Wind speed and direction: strong breeze WNW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	visibility low from persistent rain	NS
27/02/2023	Hen Harrier Roost Survey	HHVP4	2:30 starting at 16:35	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
28/02/2023	Hen Harrier Roost Survey	HHVP1	2:30 starting at 16:35	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
20/03/2023	Hen Harrier Roost Survey	HHVP1	2:30 starting at 17:15	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
23/03/2023	Hen Harrier Roost Survey	HHVP6	2:30 starting at 17:20	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		EP
24/03/2023	Hen Harrier Roost Survey	HHVP3	2:30 starting at 17:25	Visibility: good; Wind speed and direction: strong breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
27/03/2023	Hen Harrier Roost Survey	HHVP5	2:30 starting at 18:30	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		EP
28/03/2023	Hen Harrier Roost Survey	HHVP2	2:30 starting at 06:20	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
28/03/2023	Hen Harrier Roost Survey	HHVP7	2:30 starting at 18:30	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
30/03/2023	Hen Harrier Roost Survey	HHVP4	2:30 starting at 18:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
31/03/2023	Hen Harrier Roost Survey	HHVP8	2:30 starting at 18:40	Visibility: poor; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
09/10/2023	Hen Harrier Roost Survey	HHVP6	3:00 starting at 17:20	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
11/10/2023	Hen Harrier Roost Survey	HHVP2	3:00 starting at 17:15	Visibility: moderate; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		EP
12/10/2023	Hen Harrier Roost Survey	HHVP3	3:00 starting at 17:15	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
17/10/2023	Hen Harrier Roost Survey	HHVP4	3:00 starting at 17:00	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
18/10/2023	Hen Harrier Roost Survey	HHVP7	3:00 starting at 17:00	Visibility: poor; Wind speed and direction: near gale SE; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		EP
19/10/2023	Hen Harrier Roost Survey	HHVP1	3:00 starting at 17:00	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
24/10/2023	Hen Harrier Roost Survey	HHVP8	3:00 starting at 16:50	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
25/10/2023	Hen Harrier Roost Survey	HHVP5	3:00 starting at 16:50	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
08/11/2023	Hen Harrier Roost Survey	HHVP2	3:00 starting at 15:18	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
14/11/2023	Hen Harrier Roost Survey	HHVP4a	3:00 starting at 15:05	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
15/11/2023	Hen Harrier Roost Survey	HHVP3a	3:00 starting at 15:04	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No observation	EP
21/11/2023	Hen Harrier Roost Survey	HHVP8a	3:00 starting at 14:58	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
22/11/2023	Hen Harrier Roost Survey	HHVP7a	3:00 starting at 14:58	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
24/11/2023	Hen Harrier Roost Survey	HHVP6	3:00 starting at 14:49	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No observation	EP
27/11/2023	Hen Harrier Roost Survey	HHVP5a	3:00 starting at 14:45	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none	No observation	EP
30/11/2023	Hen Harrier Roost Survey	HHVP1	3:00 starting at 14:45	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none	No observation	EP
04/12/2023	Hen Harrier Roost Survey	HHVP4a	3:00 starting at 14:42	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	No observation	EP
07/12/2023	Hen Harrier Roost Survey	HHVP7a	3:00 starting at 14:41	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No observation	EP
11/12/2023	Hen Harrier Roost Survey	HHVP1	3:00 starting at 14:40	Visibility: poor; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	No observation	EP
13/12/2023	Hen Harrier Roost Survey	HHVP8	3:00 starting at 07:16	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No observation	EP
18/12/2023	Hen Harrier Roost Survey	HHVP5	3:00 starting at 14:39	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none	No observation	EP
21/12/2023	Hen Harrier Roost Survey	HHVP3	3:00 starting at 14:40	Visibility: poor; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	No observation	EP
02/01/2024	Hen Harrier Roost Survey	HHVP2	3:00 starting at 14:53	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No observation	EP
03/01/2024	Hen Harrier Roost Survey	HHVP6	3:00 starting at 15:03	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No observation	EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
08/01/2024	Hen Harrier Roost Survey	HHVP1	3:00 starting at 14:59	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No observation	EP
11/01/2024	Hen Harrier Roost Survey	HHVP2	3:00 starting at 15:03	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No observation	EP
16/01/2024	Hen Harrier Roost Survey	HHVP4a	3:00 starting at 15:12	Visibility: moderate; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
22/01/2024	Hen Harrier Roost Survey	HHVP6	3:00 starting at 15:23	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No observation	EP
24/01/2024	Hen Harrier Roost Survey	HHVP7a	3:00 starting at 15:26	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
01/02/2024	Hen Harrier Roost Survey	HHVP3	3:00 starting at 15:42	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
02/02/2024	Hen Harrier Roost Survey	HHVP5	3:00 starting at 15:44	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
06/02/2024	Hen Harrier Roost Survey	HHVP8a	3:00 starting at 15:52	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		EP
07/02/2024	Hen Harrier Roost Survey	HHVP2a	3:00 starting at 15:40	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
07/02/2024	Hen Harrier Roost Survey	HHVP4b	3:00 starting at 15:54	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
07/02/2024	Hen Harrier Roost Survey	HHVP7b	2:00 starting at 16:00	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Hen harrier observed	AOD
12/02/2024	Hen Harrier Roost Survey	HHVP8b	3:00 starting at 16:05	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	No observation	EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
15/02/2024	Hen Harrier Roost Survey	HHVP3a	2:50 starting at 15:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Hen harrier observed	AOD
15/02/2024	Hen Harrier Roost Survey	HHVP5b	3:00 starting at 16:11	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
20/02/2024	Hen Harrier Roost Survey	HHVP1a	3:00 starting at 15:51	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
26/02/2024	Hen Harrier Roost Survey	HHVP6a	3:00 starting at 16:03	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
07/03/2024	Hen Harrier Roost Survey	HHVP4c	3:00 starting at 16:53	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	No observation	EP
11/03/2024	Hen Harrier Roost Survey	HHVP3	3:00 starting at 17:01	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
12/03/2024	Hen Harrier Roost Survey	HHVP2	2:40 starting at 16:50	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		NS
13/03/2024	Hen Harrier Roost Survey	HHVP1	2:35 starting at 17:00	Visibility: good; Wind speed and direction: moderate breeze ESE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		NS
13/03/2024	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 17:20	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		AOD
14/03/2024	Hen Harrier Roost Survey	HHVP5	2:00 starting at 17:20	Visibility: poor; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		AOD
15/03/2024	Hen Harrier Roost Survey	HHVP6	2:00 starting at 17:20	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		AOD
20/03/2024	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 17:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		AOD

Table 7 - 1 - 6 Breeding raptor survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
27/04/2021	Breeding Raptor Survey	2km Survey Radius	7:30 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none	Mild (7-11˚C). Moderate N - NE throughout day with stronger gusts at times which made it feel colder in exposed areas, but humid and warm in sheltered places (within forestry areas). Long periods of clear and dry conditions mixed with scattered showers throughout the day. Fair and settled by late afternoon.	NM
29/04/2021	Breeding Raptor Survey	2km Survey Radius	9:45 starting at 07:45	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Clear and bright with widespread and frequent sunny spells (4 - 12˚C). High drifting clouds with moderate N breeze.	NM
29/04/2021	Breeding Raptor Survey	2km Survey Radius	2:00 starting at 09:26	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: heavy showers; Frost: none; Snow: none	A moderate breeze, with heavy showers in the morning, which cleared. A Buzzard was seen hunting from VP1 away to the east. Another Buzzard was seen hunting twice from VP2, which was being mobbed initially and then put up a Sparrowhawk from the trees. There were also three gulls in flight from the upland, in closer to the VP.	LD
29/04/2021	Breeding Raptor Survey	2km Survey Radius	4:34 starting at 11:26	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		LD
25/05/2021	Breeding Raptor Survey	2km Survey Radius	8:30 starting at 09:15	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none	S + E sides of site and within 2km buffer. Mild with moderate NW breeze, 9 - 13˚C. Brief but regular patches of sunshine with high cover of clouds, but bright overall. Occasional light showers which ceased after 1pm. Clearing up with a reduction in cloud after 1pm - prolonged periods of brighter spells and patches of sunshine.	NM
27/05/2021	Breeding Raptor Survey	2km Survey Radius	10:00 starting at 06:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Grey and overcast with mid-height cloudy skies, mild with gentle S breeze: 8 - 13˚C. No sun emerging at all throughout survey. Overcast sky turning to drizzle at 14:30 with occasional heavy showers.	NM
28/05/2021	Breeding Raptor Survey	2km Survey Radius	11:35 starting at 05:40	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Fresh NW breeze but not nearly as strong as earlier in the week, 6 - 14˚C. Mostly clear and bright with high drifting cloud. Wind made it feel cooler in open and higher areas. Good visibility but occasionally hazy. Misty patches early on but it wasn't long burning off. Wet underfoot due to previous rain.	NM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
21/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 13:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Crowagh	CD
21/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 14:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Crowagh	CD
21/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 15:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Buncrowney Stream	CD
21/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 16:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Buncrowney Stream	CD
21/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 17:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Lough Nafullow	CD
21/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 18:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Lough Nafullow	CD
22/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 11:20	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Doonbeakin	CD
22/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 12:20	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Doonbeakin	CD
22/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 13:20	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	Kings Mountain	CD
22/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 14:20	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	Kings Mountain	CD
22/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 15:20	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	Dunowla	CD
22/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 16:20	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	Dunowla	CD

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
23/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 13:00	Visibility: poor; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	1 hour breeding raptor survey at Lough Easky Nature Reserve	CD
23/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 15:00	Visibility: poor; Wind speed and direction: light air W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Grange More South. poor visibility	CD
23/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 16:00	Visibility: poor; Wind speed and direction: light air W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Grange More South	CD
24/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 12:20	Visibility: moderate; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none	Cloghabracka	CD
24/06/2021	Breeding Raptor Survey	2km Survey Radius	0:30 starting at 13:20	Visibility: moderate; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none	Cloghabracka	CD
24/06/2021	Breeding Raptor Survey	2km Survey Radius	1:00 starting at 13:50	Visibility: moderate; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none	Cloghabracka East	CD
24/06/2021	Breeding Raptor Survey	2km Survey Radius	0:30 starting at 14:50	Visibility: moderate; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none	Cloghabracka East	CD
20/07/2021	Breeding Raptor Survey	2km Survey Radius	10:15 starting at 07:00	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Bright and clear all day especially in morning, with very few clouds. Some high and sparse clouds emerging in afternoon but no bearing on sunshine or sweltering heat. Very hot throughout and quite torturous (15 - 30°C). SW and W area of site surveyed.	NM
22/07/2021	Breeding Raptor Survey	2km Survey Radius	7:30 starting at 07:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Similar hot and oppressive weather from previous days continued (15 - 30°C). N and E of site.	NM
26/07/2021	Breeding Raptor Survey	2km Survey Radius	10:45 starting at 06:00	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Largely overcast throughout the day with gentle N breeze. Remained mild and close with heavy grey sky (12 - 17°C). Threatening to rain throughout with occasional drizzly patches around late morning. Heavier showers started in mid-afternoon along with an increase in wind speed (also changing to NW breeze). S of site.	NM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
13/04/2022	Breeding Raptor Survey	BR1	3:00 starting at 16:20	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	14°C, spectacular visibility	CH
14/04/2022	Breeding Raptor Survey	BR2	3:00 starting at 10:10	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	13°C, buzzard pair observed	CH
22/04/2022	Breeding Raptor Survey	BR4	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	No raptor sighting	CH
25/04/2022	Breeding Raptor Survey	BR3	3:00 starting at 07:20	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	cold morning, 6°, 10°C by end	CH
25/04/2022	Breeding Raptor Survey	BR5	3:00 starting at 12:45	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
26/04/2022	Breeding Raptor Survey	BR6	3:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
27/04/2022	Breeding Raptor Survey	BR7	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	No raptor sighting, 14°C	CH
28/04/2022	Breeding Raptor Survey	BR8	3:00 starting at 12:45	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	15°C	CH
29/04/2022	Breeding Raptor Survey	BR9	3:00 starting at 09:40	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No raptor sighting	CH
03/05/2022	Breeding Raptor Survey	BR10	3:00 starting at 14:25	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	April Survey	CH
09/05/2022	Breeding Raptor Survey	BR2	3:00 starting at 14:55	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none	warm sunny spells between showers	CH
12/05/2022	Breeding Raptor Survey	BR7	3:00 starting at 11:20	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
16/05/2022	Breeding Raptor Survey	BR9	3:00 starting at 11:45	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No raptor sighting, nice sunny spells 17°C	CH
18/05/2022	Breeding Raptor Survey	BR4	3:00 starting at 16:15	Visibility: poor; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% >500m; Rain: persistent; Frost: none; Snow: none	11°C, hailstones at times	CH
19/05/2022	Breeding Raptor Survey	BR10	3:00 starting at 16:15	Visibility: good; Wind speed and direction: near gale S; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none	merlin, probably breeding activity	CH
23/05/2022	Breeding Raptor Survey	BR6	3:00 starting at 09:40	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CH
23/05/2022	Breeding Raptor Survey	BR5	3:00 starting at 13:20	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No raptor sighting	CH
24/05/2022	Breeding Raptor Survey	BR1	3:00 starting at 17:40	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	No raptor sighting	CH
25/05/2022	Breeding Raptor Survey	BR3	3:00 starting at 17:20	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	no raptor sighting	CH
26/05/2022	Breeding Raptor Survey	BR8	3:00 starting at 16:45	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	no raptor sighting	CH
02/06/2022	Breeding Raptor Survey	BR3	3:00 starting at 11:05	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	No raptor sighting	CH
07/06/2022	Breeding Raptor Survey	BR9	3:00 starting at 17:45	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: persistent; Frost: none; Snow: none	No raptor sighting	CH
08/06/2022	Breeding Raptor Survey	BR4	3:00 starting at 13:00	Visibility: moderate; Wind speed and direction: near gale W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	had been extremely wet all morning	CH
09/06/2022	Breeding Raptor Survey	BR10	3:00 starting at 17:40	Visibility: good; Wind speed and direction: near gale S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
14/06/2022	Breeding Raptor Survey	BR7	3:00 starting at 17:50	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No raptor sighting	CH
17/06/2022	Breeding Raptor Survey	BR2	3:00 starting at 09:55	Visibility: poor; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CH
21/06/2022	Breeding Raptor Survey	BR5	3:00 starting at 08:30	Visibility: moderate; Wind speed and direction: light air N; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	visibility at "3" during showers (misty rain)	CH
22/06/2022	Breeding Raptor Survey	BR1	3:00 starting at 08:15	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	No raptor sighting	CH
23/06/2022	Breeding Raptor Survey	BR8	3:00 starting at 09:30	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CH
27/06/2022	Breeding Raptor Survey	BR6	3:00 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	No raptor sighting	CH
04/07/2022	Breeding Raptor Survey	BR4	3:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	unseasonably code, at 12°C	CH
05/07/2022	Breeding Raptor Survey	BR1	3:00 starting at 10:00	Visibility: moderate; Wind speed and direction: moderate breeze WNW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	No raptor sighting	CH
05/07/2022	Breeding Raptor Survey	BR6	3:00 starting at 16:30	Visibility: moderate; Wind speed and direction: moderate breeze WNW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	No raptor sighting	CH
06/07/2022	Breeding Raptor Survey	BR5	3:00 starting at 10:00	Visibility: poor; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CH
08/07/2022	Breeding Raptor Survey	BR9	3:00 starting at 14:35	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No raptor sighting	CH
11/07/2022	Breeding Raptor Survey	BR7	3:10 starting at 13:50	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
12/07/2022	Breeding Raptor Survey	BR8	3:00 starting at 08:20	Visibility: limited; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	No raptor sighting	CH
14/07/2022	Breeding Raptor Survey	BR2	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
20/07/2022	Breeding Raptor Survey	BR3	3:00 starting at 10:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	No raptor sighting	CH
26/07/2022	Breeding Raptor Survey	BR10	3:00 starting at 15:05	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
12/04/2023	Breeding Raptor Survey	BR1	3:00 starting at 14:00	Visibility: moderate; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		EP
13/04/2023	Breeding Raptor Survey	BR2	3:00 starting at 10:00	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
14/04/2023	Breeding Raptor Survey	BR3	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
20/04/2023	Breeding Raptor Survey	BR4	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
21/04/2023	Breeding Raptor Survey	BR5	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
24/04/2023	Breeding Raptor Survey	BR6	3:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: drizzle; Frost: none; Snow: none		EP
24/04/2023	Breeding Raptor Survey	BR7	3:00 starting at 16:30	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
25/04/2023	Breeding Raptor Survey	BR8	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
25/04/2023	Breeding Raptor Survey	BR9	3:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
02/05/2023	Breeding Raptor Survey	BR10	3:00 starting at 07:30	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
08/05/2023	Breeding Raptor Survey	BR1	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
09/05/2023	Breeding Raptor Survey	BR2	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
11/05/2023	Breeding Raptor Survey	BR3	3:00 starting at 13:00	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
12/05/2023	Breeding Raptor Survey	BR4	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
16/05/2023	Breeding Raptor Survey	BR5	3:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
24/05/2023	Breeding Raptor Survey	BR6	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
25/05/2023	Breeding Raptor Survey	BR7	3:00 starting at 16:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
01/06/2023	Breeding Raptor Survey	BR8	3:00 starting at 18:00	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
02/06/2023	Breeding Raptor Survey	BR9	3:00 starting at 13:00	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
13/06/2023	Breeding Raptor Survey	BR10	3:00 starting at 13:00	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
16/06/2023	Breeding Raptor Survey	BR1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
22/06/2023	Breeding Raptor Survey	BR2	3:00 starting at 18:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
23/06/2023	Breeding Raptor Survey	BR3	3:00 starting at 18:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
27/06/2023	Breeding Raptor Survey	BR4	3:00 starting at 14:45	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
28/06/2023	Breeding Raptor Survey	BR5	3:00 starting at 17:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
30/06/2023	Breeding Raptor Survey	BR6	3:00 starting at 14:30	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
03/07/2023	Breeding Raptor Survey	BR7	3:00 starting at 14:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
04/07/2023	Breeding Raptor Survey	BR8	3:00 starting at 17:30	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
05/07/2023	Breeding Raptor Survey	BR9	3:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
11/07/2023	Breeding Raptor Survey	BR1	3:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
11/07/2023	Breeding Raptor Survey	BR10	3:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		EP
12/07/2023	Breeding Raptor Survey	BR2	3:00 starting at 15:00	Visibility: moderate; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
12/07/2023	Breeding Raptor Survey	BR3	3:00 starting at 18:00	Visibility: moderate; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		EP
13/07/2023	Breeding Raptor Survey	BR4	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
19/07/2023	Breeding Raptor Survey	BR5	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
20/07/2023	Breeding Raptor Survey	BR6	3:00 starting at 14:45	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
25/07/2023	Breeding Raptor Survey	BR7	3:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
25/07/2023	Breeding Raptor Survey	BR8	3:00 starting at 16:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
27/07/2023	Breeding Raptor Survey	BR9	3:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
03/08/2023	Breeding Raptor Survey	BR10	3:00 starting at 16:30	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
23/04/2024	Breeding Raptor Survey	BR10	3:00 starting at 16:20	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		AOD
30/04/2024	Breeding Raptor Survey	BR4	3:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		AOD
02/05/2024	Breeding Raptor Survey	BR1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		NS
02/05/2024	Breeding Raptor Survey	BR2	3:00 starting at 14:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
03/05/2024	Breeding Raptor Survey	BR6	3:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		NS
03/05/2024	Breeding Raptor Survey	BRT1	6:00 starting at 12:15	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		AOD
15/05/2024	Breeding Raptor Survey	BR1	2:00 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		AOD
15/05/2024	Breeding Raptor Survey	BR1	1:00 starting at 12:15	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		AOD
17/05/2024	Breeding Raptor Survey	BR4	3:00 starting at 12:00	Visibility: poor; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Small scale turf cutting/gathering in area.	CM
17/05/2024	Breeding Raptor Survey	BR8	3:00 starting at 15:30	Visibility: poor; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Small scale turf cutting/gathering in area.	CM
21/05/2024	Breeding Raptor Survey	BRT6	3:00 starting at 14:15	Visibility: poor; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Visibility fluctuating between limited and poor as low clouds passed through.	CM
21/05/2024	Breeding Raptor Survey	BR2	3:00 starting at 17:45	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CM
22/05/2024	Breeding Raptor Survey	BR3	3:00 starting at 12:40	Visibility: poor; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CM
22/05/2024	Breeding Raptor Survey	BR7	3:00 starting at 16:15	Visibility: poor; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		CM
23/05/2024	Breeding Raptor Survey	BR12	3:00 starting at 09:30	Visibility: moderate; Wind speed and direction: fresh breeze NNE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CM
24/05/2024	Breeding Raptor Survey	BR10	3:00 starting at 09:35	Visibility: moderate; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
27/05/2024	Breeding Raptor Survey	BR1	3:00 starting at 17:45	Visibility: moderate; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CM
29/05/2024	Breeding Raptor Survey	BR12	3:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		NS
30/05/2024	Breeding Raptor Survey	BR11	3:00 starting at 09:30	Visibility: poor; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CM
06/06/2024	Breeding Raptor Survey	BR11	3:00 starting at 13:30	Visibility: moderate; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Achree, roadside	CM
11/06/2024	Breeding Raptor Survey	BR10	3:00 starting at 12:50	Visibility: moderate; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CM
11/06/2024	Breeding Raptor Survey	BR3	3:00 starting at 16:30	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CM
12/06/2024	Breeding Raptor Survey	BR4	3:00 starting at 15:30	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Small scale turf work ongoing in area.	CM
12/06/2024	Breeding Raptor Survey	BR8	3:00 starting at 19:00	Visibility: moderate; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CM
27/06/2024	Breeding Raptor Survey	BRT12a	3:00 starting at 04:30	Visibility: poor; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CM
01/07/2024	Breeding Raptor Survey	BRT12a	3:00 starting at 06:15	Visibility: limited; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	Mist and drizzle.	CM
01/07/2024	Breeding Raptor Survey	BRT12b	3:00 starting at 10:30	Visibility: moderate; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CM
02/07/2024	Breeding Raptor Survey	BRT12c	3:00 starting at 10:00	Visibility: moderate; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
03/07/2024	Breeding Raptor Survey	BRT12d	3:00 starting at 08:45	Visibility: poor; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Transect into woods follow up from observation.	CM
09/07/2024	Breeding Raptor Survey	BRT12	1:00 starting at 10:30	Visibility: moderate; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CM
09/07/2024	Breeding Raptor Survey	BR12	2:00 starting at 11:30	Visibility: moderate; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CM
09/07/2024	Breeding Raptor Survey	BR12	2:00 starting at 14:00	Visibility: moderate; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		CM
09/07/2024	Breeding Raptor Survey	BRT12	1:00 starting at 16:00	Visibility: poor; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		CM
10/07/2024	Breeding Raptor Survey	BRT13	3:00 starting at 10:30	Visibility: poor; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		CM
10/07/2024	Breeding Raptor Survey	BRT13	2:30 starting at 14:00	Visibility: poor; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CM
10/07/2024	Breeding Raptor Survey	BRT13	0:30 starting at 16:30	Visibility: moderate; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CM
11/07/2024	Breeding Raptor Survey	BRT12	2:00 starting at 07:00	Visibility: moderate; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CM
11/07/2024	Breeding Raptor Survey	BR12	2:30 starting at 09:30	Visibility: moderate; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CM
11/07/2024	Breeding Raptor Survey	BRT12	1:30 starting at 12:00	Visibility: moderate; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CM
16/07/2024	Breeding Raptor Survey	BRT12	2:00 starting at 09:00	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CM

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
16/07/2024	Breeding Raptor Survey	BR12	1:00 starting at 11:00	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CM
16/07/2024	Breeding Raptor Survey	BR12	1:30 starting at 12:30	Visibility: moderate; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CM
16/07/2024	Breeding Raptor Survey	BRT12	1:30 starting at 14:00	Visibility: moderate; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CM
17/07/2024	Breeding Raptor Survey	BRT12	3:00 starting at 07:00	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CM
17/07/2024	Breeding Raptor Survey	BRT12	3:00 starting at 10:30	Visibility: moderate; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CM

Table 7 - 1 - 7 Breeding woodcock survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
24/05/2021	Breeding Woodcock Survey	WKT1	2:30 starting at 20:30	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none	Sunset: 21:49. 9 - 11°C. Fresh, consistent NW wind throughout survey period but was considerably more sheltered within forestry tracks. Reasonably mild overall but wind made it cooler in open areas. Brief and occasional clear patches with clouds racing rapidly across the sky due to fresh NW breeze. Occasional light drizzle, wet underfoot. Clouding over entirely at sunset - clouds descending in height at that time. No Woodcock	NM
25/05/2021	Breeding Woodcock Survey	WKT2	2:30 starting at 20:40	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	8 - 11°C. Fresh NW breeze but relatively sheltered within forestry and sheltered tracks. Relatively clear with no rain - scattered cloudy and sunny patches	NM
09/06/2021	Breeding Woodcock Survey	WKT1	2:30 starting at 20:50	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Sunset: 22:07 Fresh S breeze - may have hampered survey due to WK disliking very windy conditions, close and sheltered within forestry, however. Mild: 12 - 16°C. Overcast with threatening clouds and occasional drizzle - clouds were being blown across rapidly by wind, some occasional brighter patches but cloud cover remained entire.	NM
10/06/2021	Breeding Woodcock Survey	WKT2	2:22 starting at 20:45	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none	Started off reasonably clear with some sunny spells and low cloud, but consistent drizzle then blew in from the S and the cloud cover increased and descended. 12 - 16°C. Visibility reduced slightly due to drizzle and strong wind. Fresh SW breeze - not so apparent within forestry.	NM
22/06/2021	Breeding Woodcock Survey	WKT1	1:00 starting at 21:10	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	south-east. No woodcock	CD
22/06/2021	Breeding Woodcock Survey	WKT1	1:00 starting at 22:10	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	heavy mist, no woodcock	CD
23/06/2021	Breeding Woodcock Survey	WKT2	1:00 starting at 21:00	Visibility: moderate; Wind speed and direction: light air W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	north. very humid, no woodcock	CD
23/06/2021	Breeding Woodcock Survey	WKT2	1:00 starting at 22:00	Visibility: moderate; Wind speed and direction: light air W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CD

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
24/05/2022	Breeding Woodcock Survey	WKT1	2:00 starting at 20:50	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	No Woodcock sighting	CH
25/05/2022	Breeding Woodcock Survey	WKT2	2:15 starting at 20:40	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Woodcock sighting	CH
26/05/2022	Breeding Woodcock Survey	WKT3	2:00 starting at 20:50	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Woodcock sighting	CH
30/05/2022	Breeding Woodcock Survey	WKT4	2:05 starting at 21:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Woodcock sighting	CH
07/06/2022	Breeding Woodcock Survey	WKT1	2:05 starting at 21:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	No Woodcock sighting	CH
08/06/2022	Breeding Woodcock Survey	WKT2	2:00 starting at 21:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Woodcock sighting	CH
09/06/2022	Breeding Woodcock Survey	WKT3	2:10 starting at 21:00	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Woodcock sighting	CH
14/06/2022	Breeding Woodcock Survey	WKT4	1:50 starting at 21:10	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	no woodcock sighting	CH
15/06/2022	Breeding Woodcock Survey	WKT4	1:55 starting at 21:10	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	No Woodcock sighting, was changed from WKT5, as shapefile shows WKT5 = WKT4	CH
21/06/2022	Breeding Woodcock Survey	WKT1	2:30 starting at 21:30	Visibility: good; Wind speed and direction: gentle breeze ENE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No Woodcock sighting	NS
22/06/2022	Breeding Woodcock Survey	WKT2	2:30 starting at 21:30	Visibility: good; Wind speed and direction: moderate breeze ENE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none	No Woodcock sighting	NS
23/06/2022	Breeding Woodcock Survey	WKT4	2:30 starting at 21:30	Visibility: good; Wind speed and direction: fresh breeze NNE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No Woodcock sighting	NS

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
24/06/2022	Breeding Woodcock Survey	WKT3	2:30 starting at 21:30	Visibility: moderate; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	No Woodcock sighting	NS
22/05/2023	Breeding Woodcock Survey	WKT1	2:00 starting at 20:40	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
26/05/2023	Breeding Woodcock Survey	WKT2	2:00 starting at 20:45	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
14/06/2023	Breeding Woodcock Survey	WKT3	2:00 starting at 21:10	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		EP
19/06/2023	Breeding Woodcock Survey	WKT4	2:00 starting at 21:10	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		EP
21/06/2023	Breeding Woodcock Survey	WKT1	2:00 starting at 21:10	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		EP
22/06/2023	Breeding Woodcock Survey	WKT2	2:00 starting at 21:10	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
23/06/2023	Breeding Woodcock Survey	WKT3	2:00 starting at 21:10	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		EP
27/06/2023	Breeding Woodcock Survey	WKT4	2:00 starting at 21:10	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		EP
28/06/2023	Breeding Woodcock Survey	WKT1	2:00 starting at 21:10	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
29/06/2023	Breeding Woodcock Survey	WKT2	2:00 starting at 21:10	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
30/06/2023	Breeding Woodcock Survey	WKT3	2:00 starting at 21:10	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP

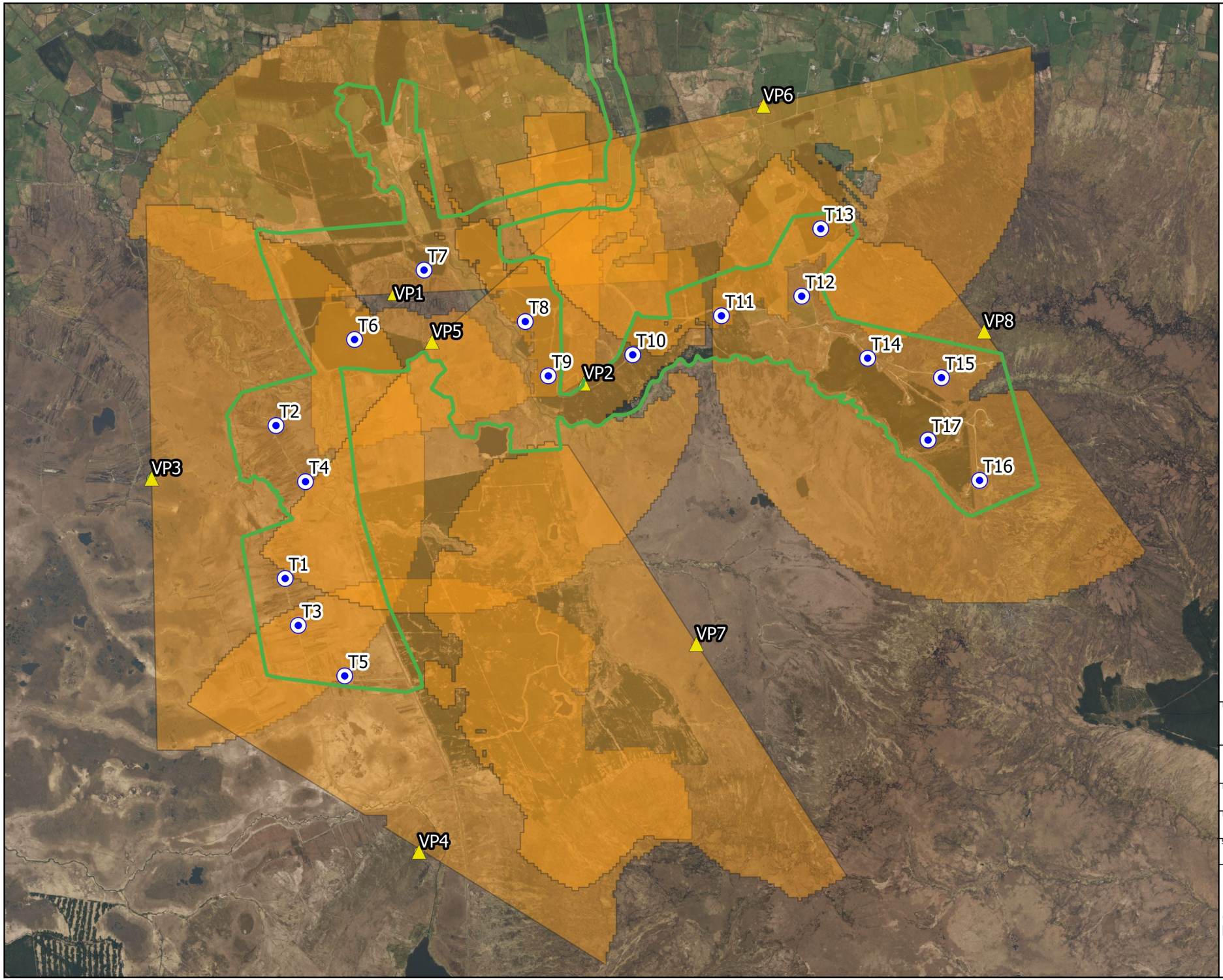
Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
04/07/2023	Breeding Woodcock Survey	WKT4	2:00 starting at 21:10	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		EP
21/05/2024	Breeding Woodcock Survey	WKT1	2:00 starting at 20:45	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CM
27/05/2024	Breeding Woodcock Survey	WKT2	2:15 starting at 21:15	Visibility: moderate; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CM
06/06/2024	Breeding Woodcock Survey	WKT3	3:00 starting at 20:00	Visibility: good; Wind speed and direction: moderate breeze WNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No woodcock seen or heard in June.	NS
11/06/2024	Breeding Woodcock Survey	WKT4	2:35 starting at 20:30	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No woodcock seen or heard in June.	NS
12/06/2024	Breeding Woodcock Survey	WKT3	3:00 starting at 20:30	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No woodcock seen or heard in June.	NS
19/06/2024	Breeding Woodcock Survey	WKT1	3:00 starting at 20:10	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none	No woodcock seen or heard in June.	NS
20/06/2024	Breeding Woodcock Survey	WKT4	2:45 starting at 20:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No woodcock seen or heard in June.	NS
21/06/2024	Breeding Woodcock Survey	WKT2	3:00 starting at 20:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No woodcock seen or heard in June.	NS
24/06/2024	Breeding Woodcock Survey	WKT1	2:15 starting at 21:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No woodcock seen or heard in June.	NS
25/06/2024	Breeding Woodcock Survey	WKT2 & WKT3	3:00 starting at 20:30	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No woodcock seen or heard in June.	NS
26/06/2024	Breeding Woodcock Survey	WKT4	3:00 starting at 20:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No woodcock seen or heard in June.	NS

Table 7 - 1 - 8 Breeding red grouse survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
11/03/2022	Breeding Red Grouse Survey	T1	1:20 starting at 13:20	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	Dunneill, no Red Grouse sighting	CH
11/03/2022	Breeding Red Grouse Survey	T2	0:20 starting at 14:50	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Dunneill, no Red Grouse sighting	CH
11/03/2022	Breeding Red Grouse Survey	T3	1:55 starting at 15:50	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Dunneill, no Red Grouse sighting	CH
14/03/2022	Breeding Red Grouse Survey	T4, T5	1:20 starting at 09:50	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Dunneill	CH
14/03/2022	Breeding Red Grouse Survey	T1	1:20 starting at 11:40	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CH
14/03/2022	Breeding Red Grouse Survey	T2	1:00 starting at 13:15	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No Red Grouse sighting	CH
14/03/2022	Breeding Red Grouse Survey	T3	2:00 starting at 14:30	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	at least 5 individuals	CH
14/03/2022	Breeding Red Grouse Survey	T4	0:30 starting at 17:10	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Red Grouse sighting	CH
14/03/2022	Breeding Red Grouse Survey	T5	0:50 starting at 18:10	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CH
15/03/2022	Breeding Red Grouse Survey	T6	5:40 starting at 09:30	Visibility: good; Wind speed and direction: strong breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none	May have missed responses due to high winds	CH
14/03/2023	Breeding Red Grouse Survey	8km Survey Radius	2:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP
15/03/2023	Breeding Red Grouse Survey	8km Survey Radius	7:00 starting at 09:00	Visibility: moderate; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		EP

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
16/03/2023	Breeding Red Grouse Survey	8km Survey Radius	3:00 starting at 09:00	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		EP
16/03/2023	Breeding Red Grouse Survey	Dunneil 500m	6:00 starting at 12:00	Visibility: good; Wind speed and direction: fresh breeze NNW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		NS
22/02/2024	Breeding Red Grouse Survey	T1	6:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		EP
23/02/2024	Breeding Red Grouse Survey	T2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
26/02/2024	Breeding Red Grouse Survey	T3	3:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		EP
27/02/2024	Breeding Red Grouse Survey	T4	6:00 starting at 09:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		EP

2. SURVEY LOCATION MAPS



Map Legend

- EIAR Site Boundary
- Turbine Locations
- Vantage Point Survey Locations
- Viewshed

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Drawing Title
Vantage Point Survey Locations Scenario 1

Project Title
Crumhach Wind Farm, Co. Sligo

Drawn By	Checked By
LDV	SD
Project No.	Drawing No.
230841	Figure 7-1-1a
Scale	Date
1:36,000	13/05/2026

MKO
Planning and Environmental Consultants
Tuam Road, Galway
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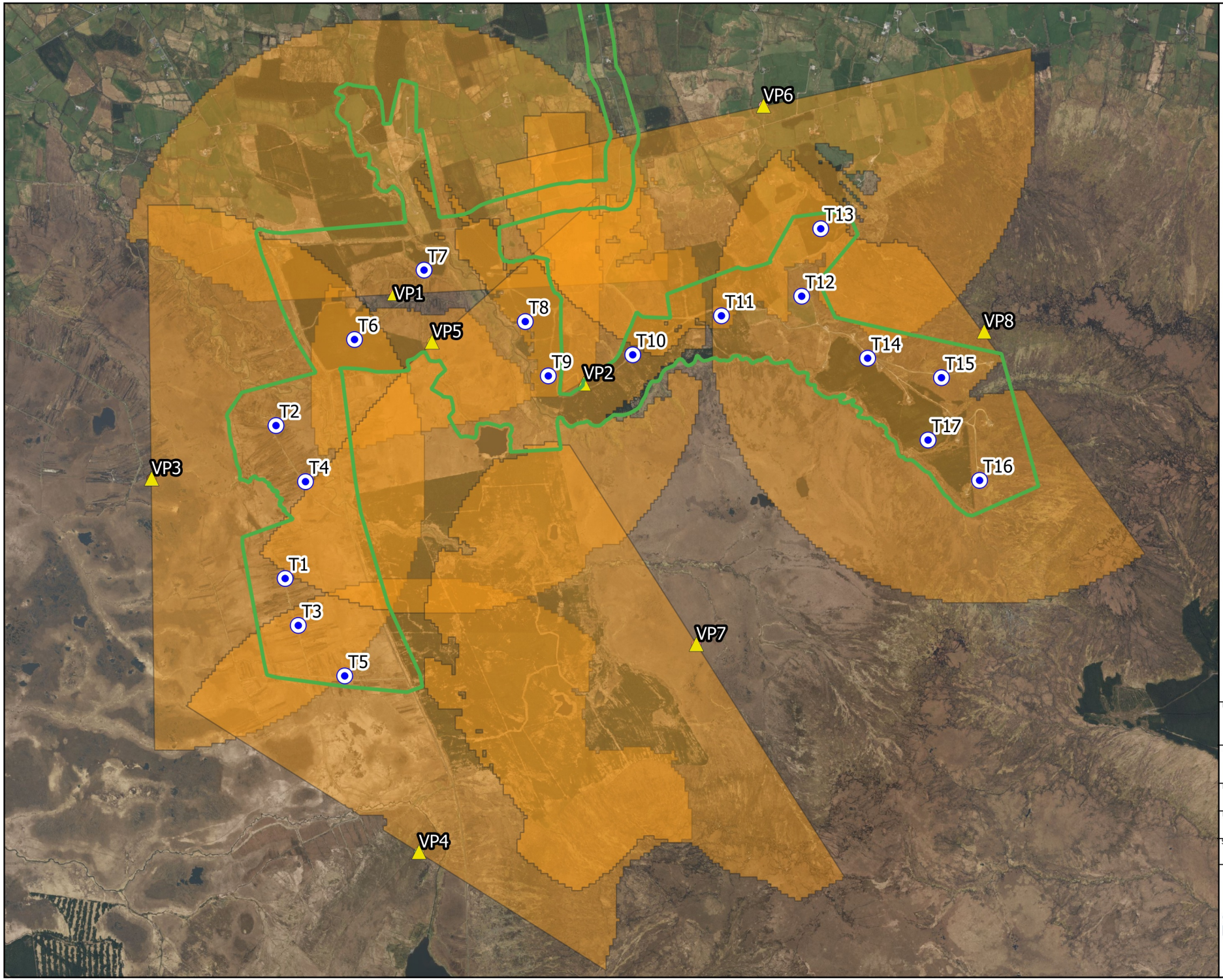
+353 (0) 91 735611
email:info@mkoireland.ie
Website: ww.mkoireland.ie



Map Legend

- EIAR Site Boundary
- Turbine Locations
- Vantage Point Survey Locations
- Viewshed

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Drawing Title
Vantage Point Survey Locations Scenario 2

Project Title
Crumhach Wind Farm, Co. Sligo

Drawn By	Checked By
LDV	SD
Project No.	Drawing No.
230841	Figure 7-1-1b
Scale	Date
1:36,000	13/05/2026

MKO
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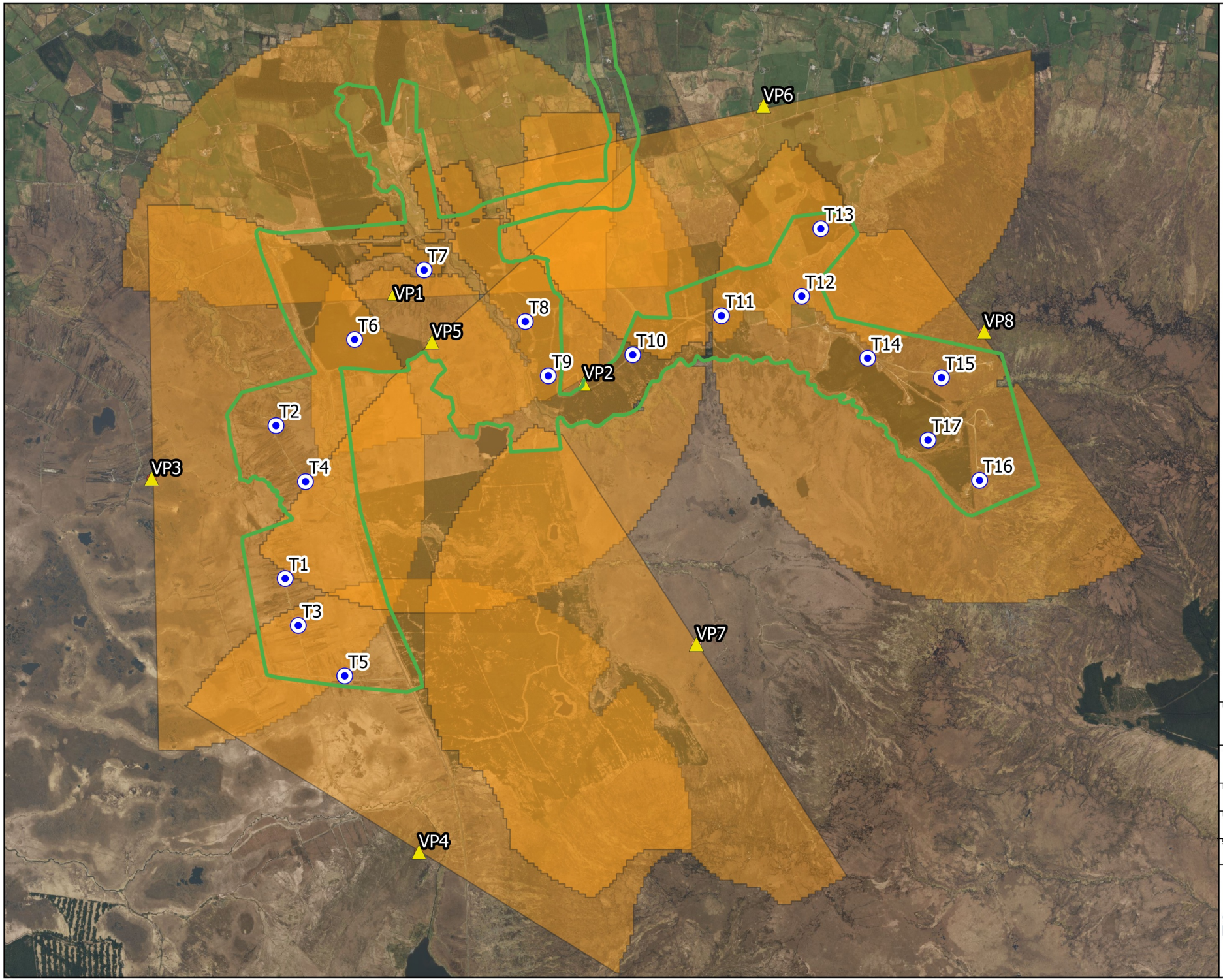
email:info@mkoireland.ie
Website: ww.mkoireland.ie



Map Legend

- EIAR Site Boundary
- Turbine Locations
- Vantage Point Survey Locations
- Viewshed

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N

Drawing Title
Vantage Point Survey Locations Scenario 3

Project Title
Crumhach Wind Farm, Co. Sligo

Drawn By	Checked By
LDV	SD
Project No.	Drawing No.
230841	Figure 7-1-1c
Scale	Date
1:36,000	13/05/2026

MKO
Planning and Environmental Consultants
Tuam Road, Galway
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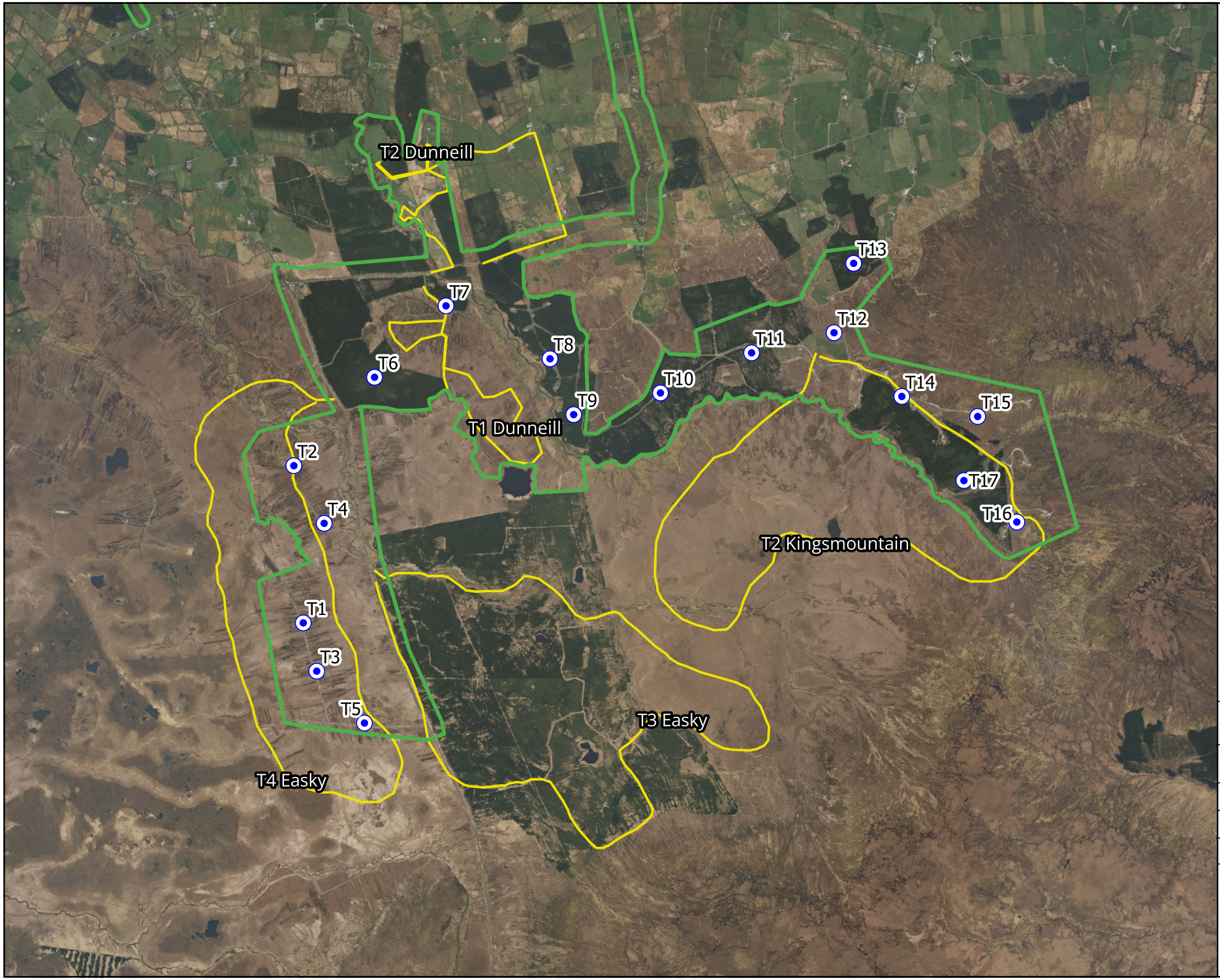
email:info@mkoireland.ie
Website: ww.mkoireland.ie



Map Legend

- EIAR Site Boundary
- Turbine Locations
- Transects

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N

Drawing Title	Winter Walkover Transects
Project Title	Crumhach Wind Farm, Co. Sligo
Drawn By: LDV	Checked By: SD
Project No.: 230841	Drawing No.: Figure 7-1-2
Scale: 1:35,000	Date: 13/05/2026

MKO
Planning and Environmental Consultants
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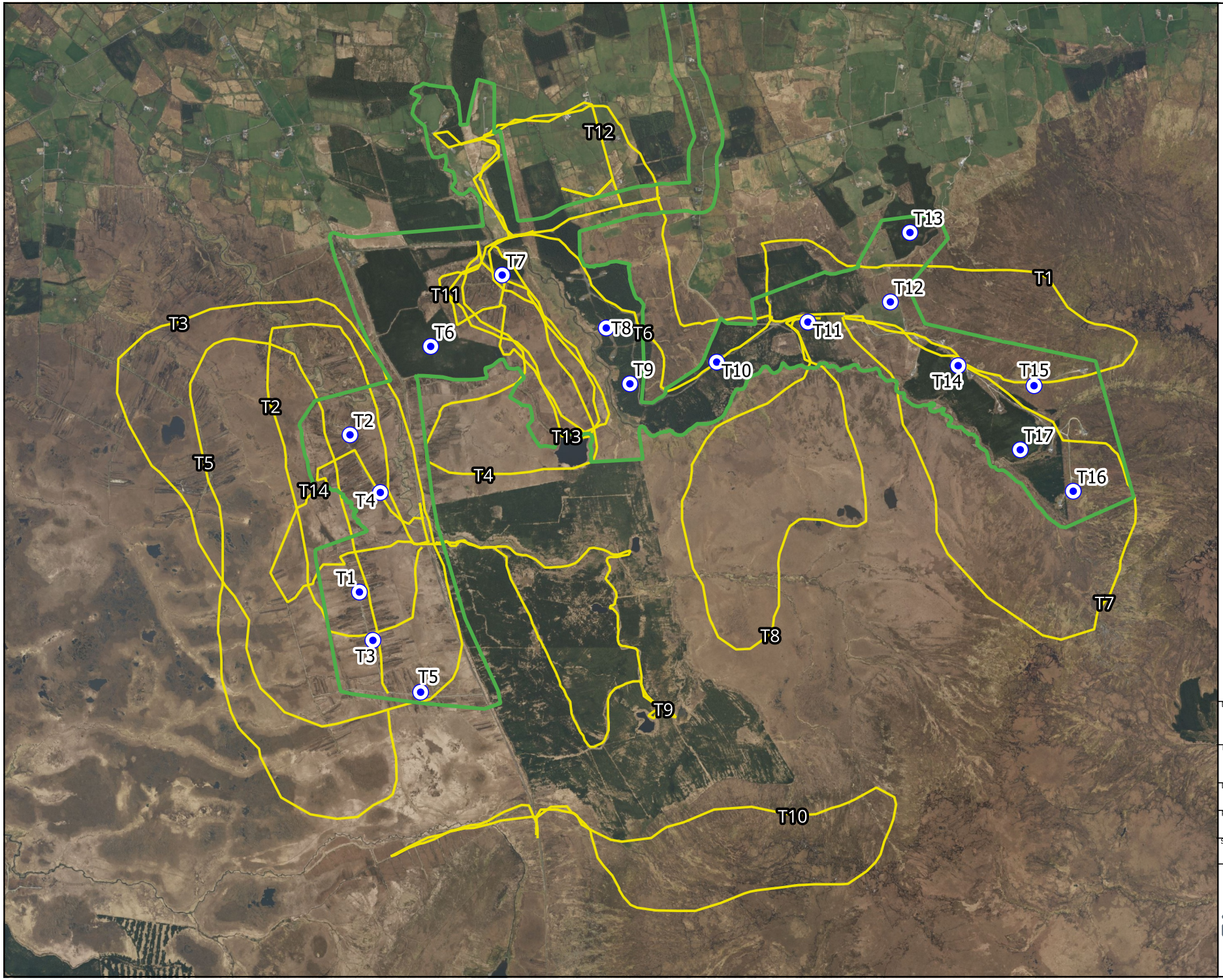

Map Legend

- EIAR Site Boundary
- Turbine Locations
- Breeding Walkover Transects Locations

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N

Drawing Title	Breeding Walkover Transects Locations
Project Title	Crumhach Wind Farm, Co. Sligo
Drawn By: LDV	Checked By: SD
Project No.: 230841	Drawing No.: Figure 7-1-3
Scale: 1:35,000	Date: 13/05/2026

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email:info@mkoireland.ie
Website: ww.mkoireland.ie

Map Legend

- EIAR Site Boundary
- Turbine Locations
- Waterbird Distribution and Abundance Survey Locations

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N

Drawing Title
Waterbird Distribution and Abundance Survey Locations

Project Title
Crumhach Wind Farm, Co. Sligo

Drawn By	Checked By
LDV	SD
Project No.	Drawing No.
230841	Figure 7-1-4
Scale	Date
1:90,000	13/05/2026

MKO
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Tuam Road, Galway
Ireland, H91 VW84
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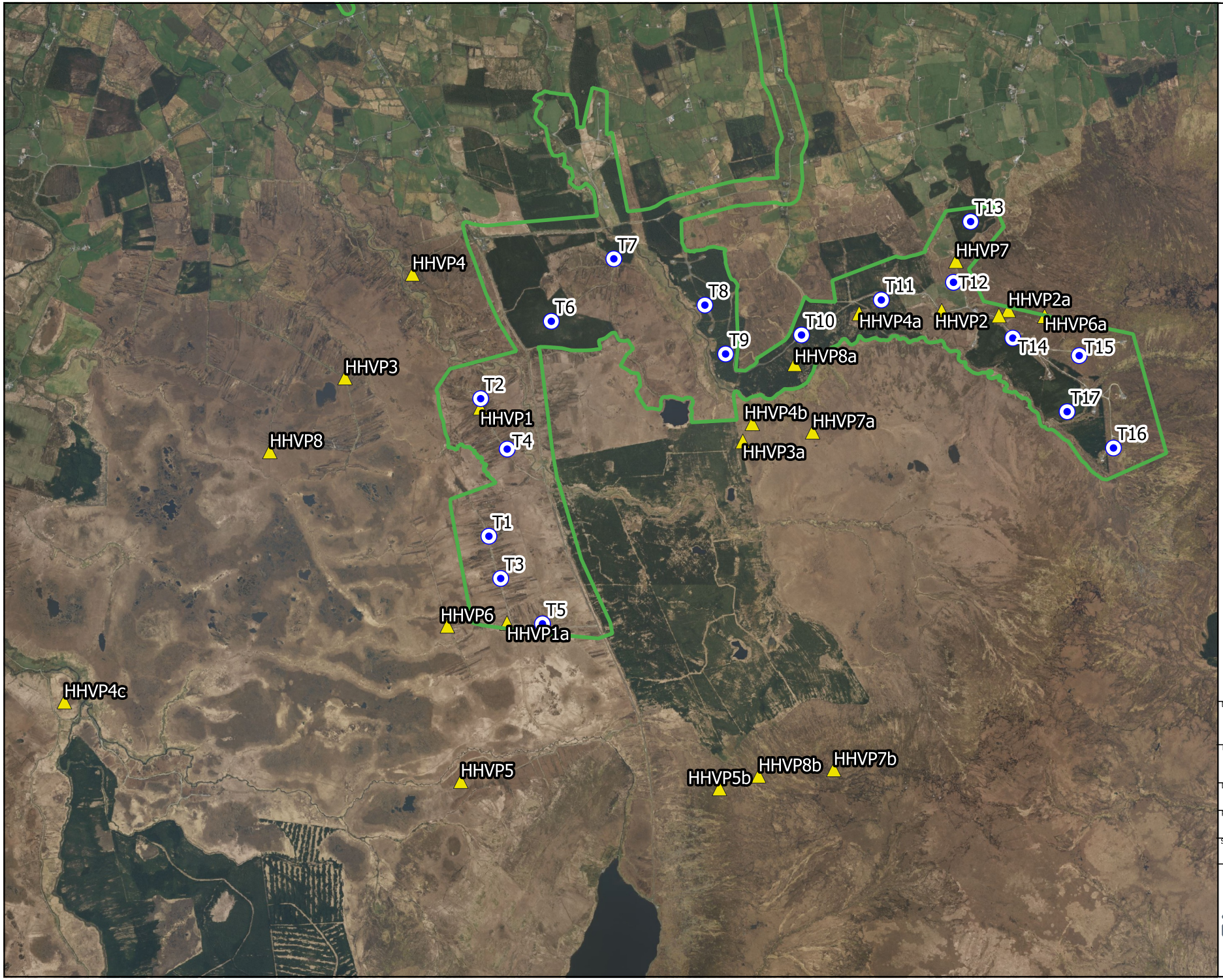

Map Legend

- EIAR Site Boundary
- Turbine Locations
- Hen Harrier Roost Survey Locations

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N

Drawing Title: Hen Harrier Roost Survey Locations

Project Title: Crumhach Wind Farm, Co. Sligo

Drawn By	Checked By
LDV	SD
Project No.	Drawing No.
230841	Figure 7-1-5
Scale	Date
1:40,000	13/05/2026

MKO
Planning and Environmental Consultants
Tuam Road, Galway
Ireland, H91 VW84
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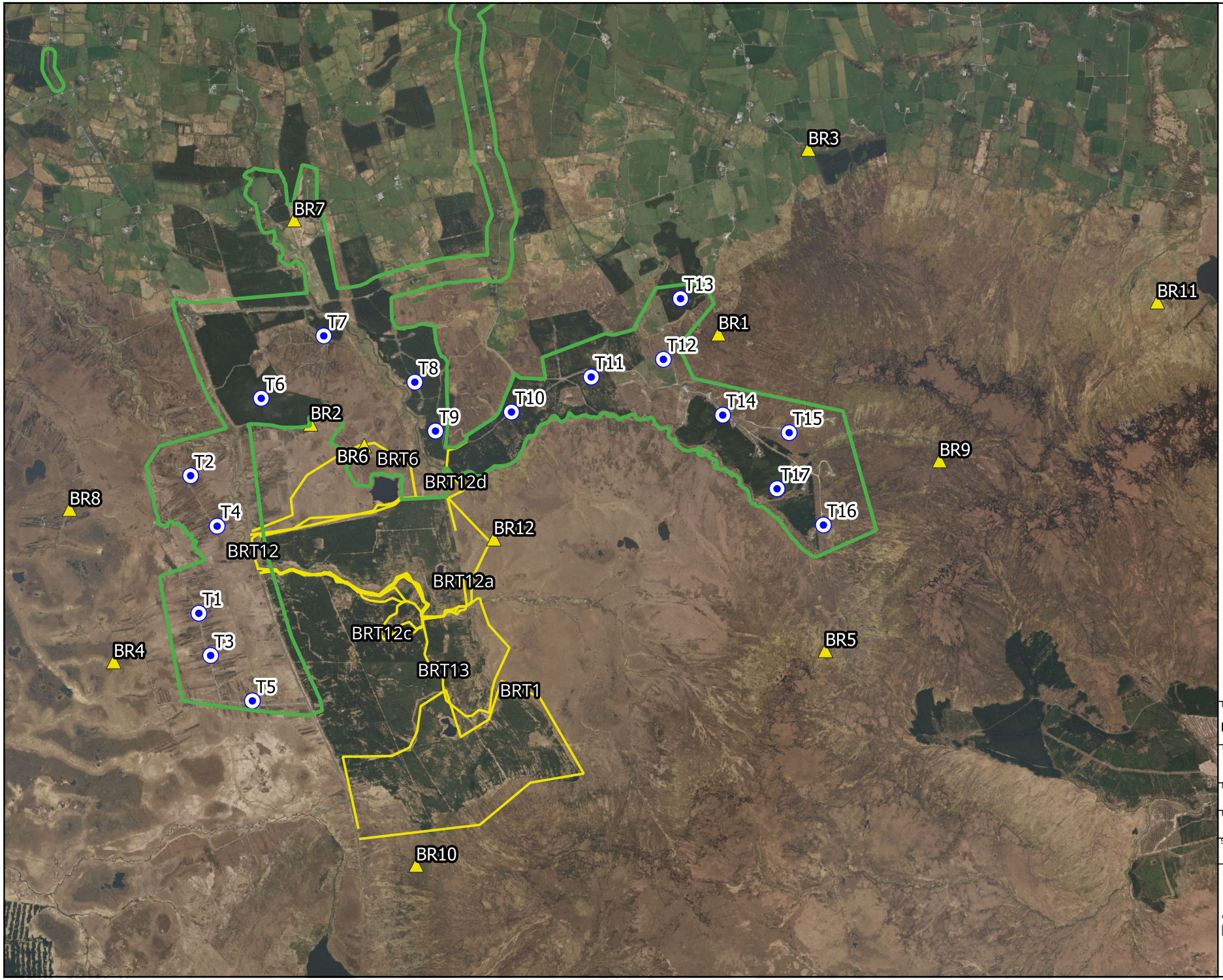
Website: ww.mkoireland.ie



Map Legend

- EIAR Site Boundary
- Turbine Locations
- Breeding Raptor Survey Locations
- Breeding Raptor Transect Location

N

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Drawing Title: Breeding Raptor Survey Locations

Project Title: Crumhach Wind Farm, Co. Sligo

Drawn By	Checked By
LDV	SD
Project No.	Drawing No.
230841	Figure 7-1-6
Scale	Date
1:40,000	13/05/2026

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Website: ww.mkoireland.ie

Map Legend

- EIAR Site Boundary
- Turbine Locations
- Breeding Woodcock Transects

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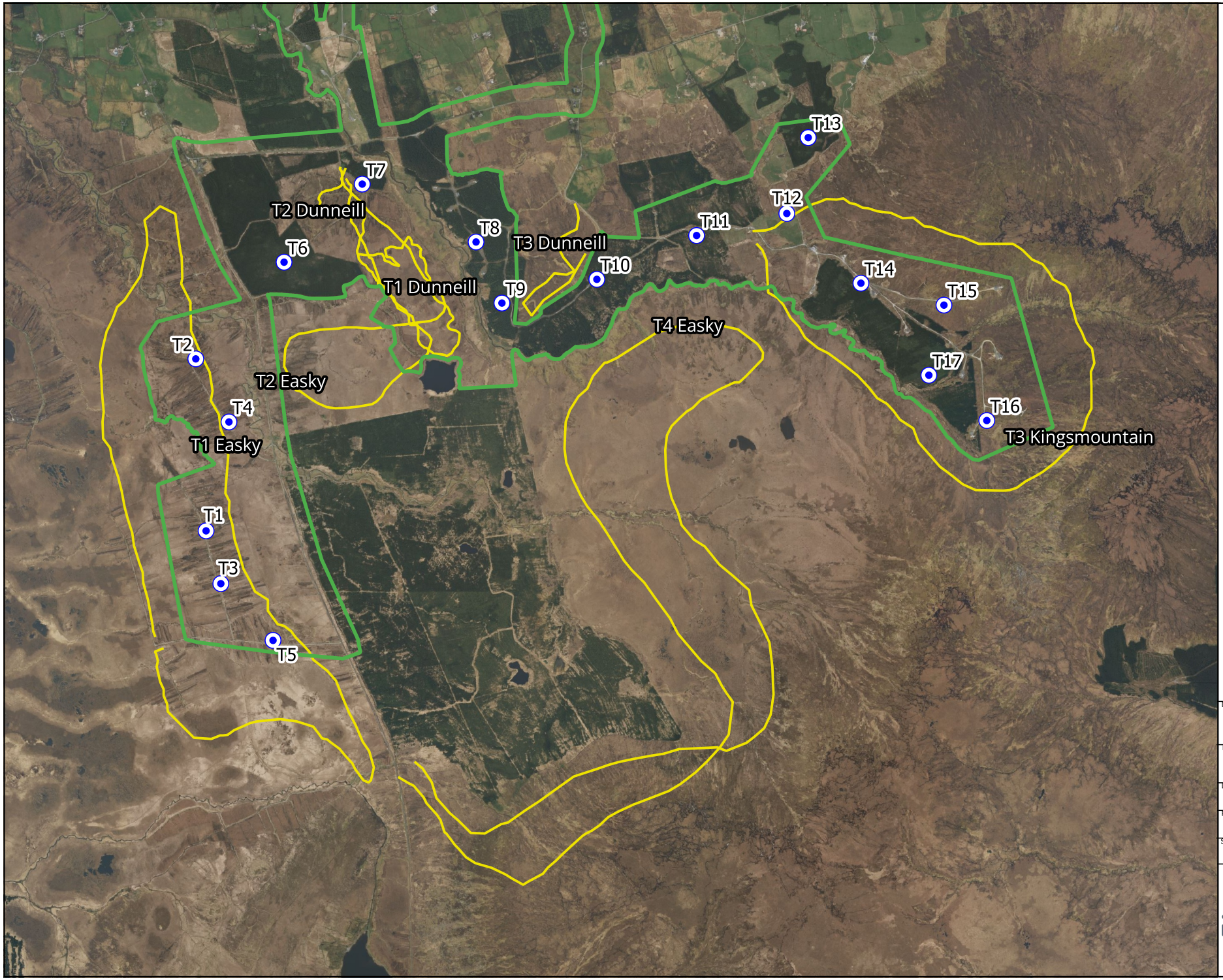
N

Drawing Title
Breeding Woodcock Survey Locations

Project Title
Crumhach Wind Farm, Co. Sligo

Drawn By	Checked By
LDV	SD
Project No.	Drawing No.
230841	Figure 7-1-7
Scale	Date
1:25,000	13/05/2026

MKO
Planning and Environmental Consultants
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
email:info@mkoireland.ie
Website: ww.mkoireland.ie



Map Legend

- EIAR Site Boundary
- Turbine Locations
- Breeding Red Grouse Transects

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N

Drawing Title	Breeding Red Grouse Survey Transects
Project Title	Crumhach Wind Farm, Co. Sligo
Drawn By: LDV	Checked By: SD
Project No.: 230841	Drawing No.: Figure 7-1-8
Scale: 1:32,000	Date: 13/05/2026

MKO
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+353 (0) 91 735611
email:info@mkoireland.ie
Website: ww.mkoireland.ie

3. LICENCES

National Parks & Wildlife Service LICENCE

An Roinn Tithíochta, Rialtais Áitiúil agus Oidhreachta
Department of Housing, Local Government and Heritage

Licence No. 36/2021

NATIONAL PARKS & WILDLIFE SERVICE

Wildlife Acts 1976 to 2018 - Section 35

The Minister for Housing, Local Government and Heritage, in exercise of the powers conferred on the Minister by Section 35 of the Wildlife Acts 1976 to 2018 authorises:

Padraig Cregg, John Curtin, Andrew O Donoghue, Lee Dark, Conor Rowlands, Niall McHugh, Clodagh Helen.

MKO (McCarthy Keville, O'Sullivan), Tuam Road, Galway, H91 VW84

To use a tape-luring device for the birds specified in Column 2 for the purpose of identifying their presence in the area specified in column 3 during the period

From 20 December 2021 to 31 March 2022

Subject to the conditions listed overleaf.

SCHEDULE

1	2	3
TYPE OF DEVICE	**SPECIES**	**AREA**
Tape Lure	**Red Grouse (*Lagopus lagopus hibernicus*)**	**Proposed Wind Farm Site Easky, Co. Sligo.**

Dated this the 20 of December 2021

For the Minister for Housing, Local Government and Heritage

Claire Cowley

Conditions

1. This licence shall be produced for inspection on a request being made on that behalf by a member of An Garda Síochána or any person appointed by the Minister for Housing, Local Government and Heritage under Section 72 of the Wildlife Acts 1976 to 2018, to be an authorised person for the purpose of the Acts.

2. This licence may be revoked at any time by the Minister for Housing, Local Government and Heritage.

3. If looking to enter any National Park/Nature Reserve you will need to get a permit (in addition to this licence).

4. The applicant must ensure that landowner permission is received to enter onto private land.

5. It is the responsibility of the applicant to ensure compliance with any other necessary permits, licences or permissions from the appropriate authorities are in place before undertaking the survey.

6. The licensee must follow the standard tape-playback transect methodology and guidance on using the tape-lure, as set out in the Irish Wildlife Manual No. 50 (*i.e.* Cummins *et al*. 2010[1]). The licensee must also adhere to the survey window for using tape-playback methods *i.e.* 1st Dec – 31st March inclusive.

7. End of survey reports are to be provided by each applicant detailing summary results of all grouse tape-playback surveys for each site surveyed (*including sites where grouse were not recorded*). Ideally, these should be submitted no later than April 30th each calendar year at the end of the survey season to this email address: wildlifelicence@housing.gov.ie

8. NPWS Regional Staff must be contacted prior to the commencement of survey under the terms of this licence.

The Licencee must adhere to the measures and restrictions relating to public health on Covid-19

Any query in relation to this licence should be made to:

Wildlife Licensing Unit
National Parks and Wildlife Service
Department of Housing, Local Government and Heritage
90 North King Street
Smithfield
Dublin. D07 N7CV

wildlifelicence@housing.gov.ie

[1] Cummins, S., Bleasdale, A., Douglas, C., Newton, S., O'Halloran, J. & Wilson, H.J. (2010) The status of Red Grouse in Ireland and the effects of land use, habitat and habitat quality on their distribution. *Irish Wildlife Manuals*, No. 50. National Parks and Wildlife Service, Department of the Environment, Heritage and Local Government, Dublin, Ireland. https://www.npws.ie/sites/default/files/publications/pdf/IWM50.pdf

National Parks & Wildlife Service
LICENCE

An Roinn Tithíochta,
Rialtais Áitiúil agus Oidhreachta
Department of Housing,
Local Government and Heritage

Licence No. 23/2022

NATIONAL PARKS & WILDLIFE SERVICE

Wildlife Acts 1976 to 2018 - Section 35

The Minister for Housing, Local Government and Heritage, in exercise of the powers conferred on the Minister by Section 35 of the Wildlife Acts 1976 to 2018 authorises:

Applicant: Ian Hynes/McCarthy Keville O' Sullivan (MKO) Planning & Environmental Consultants

Address: Tuam Road, Galway, H91 VW84

Licencee: Padraig Cregg, John Curtin, Andrew O'Donoghue, Lee Dark, Conor Rowlands, Niall McHugh, Clodagh Helen.

To use a tape-luring device for the birds specified in Column 2 for the purpose of identifying their presence in the area specified in column 3 during the period
From 28 February 2022 to 31 March 2022

Subject to the conditions listed overleaf.

SCHEDULE

1	2	3
TYPE OF DEVICE	**SPECIES**	**AREA**
Tape Lure	**Red Grouse** (*Lagopus lagopus hibernicus*)	Surrounding area's at Easky proposed wind farm. Co. Sligo

Dated 28 February 2022

For the Minister for Housing, Local Government and Heritage

Claire Cowley

Conditions

1. **This licence shall be produced for inspection on a request being made on that behalf by a member of An Garda Síochána or any person appointed by the Minister for Housing, Local Government and Heritage under Section 72 of the Wildlife Acts 1976 to 2018, to be an authorised person for the purpose of the Acts.**

2. **This licence may be revoked at any time by the Minister for Housing, Local Government and Heritage.**

3. **Note: Licence must not extend beyond the 31 March 2022.**

4. **Note: Licence only valid to survey at the area stated overleaf.**

5. **Note: License only valid for Licencee(s) named on licence.**

6. **Note: If looking to enter any National Park/Nature Reserve you will need to get a permit (in addition to this licence).**

7. **Note: The applicant must ensure that landowner permission is received to enter onto private land.**

8. **Note: It is the responsibility of the applicant to ensure compliance with any other necessary permits, licences or permissions from the appropriate authorities are in place before undertaking the survey.**

9. **Note: This survey must be conducted according to NPWS/BWI methodology for red grouse fieldwork.**

10. **Note: The playback duration should be sufficiently short so as not to cause undue distress, there should be a limit of 30 seconds playback in each territory holding area.**

11. **Note: Surveying should only be conducted in favourable weather conditions: i.e. no rain, light winds and good visibility.**

12. **Note: NPWS Regional Staff must be contacted prior to the commencement of survey under the terms of this licence. District Conservation Officer: Tim Roderick 087-6184827**

13. **Note: (a) A return of survey results, Should include a map displaying the transects walked, where the tape lure was played and where the birds replied to the calls, no later than the 30th May 2022.**
    To be forwarded to the Wildlife Licensing Unit Wildlifelicence@housing.gov.ie
    (b) All report(s) must be received by the Wildlife Licensing Unit, for our records, and will then be forwarded onto the Birds Unit and all relevant NPWS Regional Staff.

14. **Note: Please include a map with each new Section 35 application, with the boundry Outlined and the townland names included on the map, where the survey will be conducted.**

The Licencee must adhere to the measures and restrictions relating to public health on Covid-19

Any query in relation to this licence should be made to:

Wildlife Licensing Unit
National Parks and Wildlife Service
Department of Housing, Local Government and Heritage
90 North King Street
Smithfield
Dublin. D07 N7CV

wildlifelicence@housing.gov.ie

National Parks & Wildlife Service
LICENCE

An Roinn Tithíochta,
Rialtais Áitiúil agus Oidhreachta
Department of Housing,
Local Government and Heritage

Licence No. 13/2023

NATIONAL PARKS & WILDLIFE SERVICE

Wildlife Acts 1976 to 2018 - Section 35

The Minister for Housing, Local Government and Heritage, in exercise of the powers conferred on the Minister by Section 35 of the Wildlife Acts 1976 to 2018 authorises:

Padraig Cregg - John Curtin – Andrew O'Donoghue - Lee Dark
Conor Rowlands - Niall McHugh - Niamh Scanlon.

MKO (McCarthy Keville, O'Sullivan), Tuam Road, Galway, H91 VW84.

To use a tape-luring device for the birds specified in Column 2 for the purpose of identifying their presence in the area specified in column 3 during the period

From 01 February 2023 to 31 March 2023

Subject to the conditions listed overleaf.

SCHEDULE

1	2	3
TYPE OF DEVICE	**SPECIES**	**AREA**
Tape Lure	**Red Grouse (*Lagopus lagopus*)**	**Proposed Wind Farm Site Dunneill - Easky, Co. Sligo.**

Dated 01 February 2023

For the Minister for Housing, Local Government and Heritage

Claire Cowley

Conditions

1. This licence shall be produced for inspection on a request being made on that behalf by a member of An Garda Síochána or any person appointed by the Minister for Housing, Local Government and Heritage under Section 72 of the Wildlife Acts 1976 to 2018, to be an authorised person for the purpose of the Acts.

2. This licence may be revoked at any time by the Minister for Housing, Local Government and Heritage.

3. If looking to enter any National Park/Nature Reserve you will need to get a permit (in addition to this licence).

4. The applicant must ensure that landowner permission is received to enter onto private land.

5. It is the responsibility of the applicant to ensure compliance with any other necessary permits, licences or permissions from the appropriate authorities are in place before undertaking the survey.

6. The licensee must follow the standard tape-playback transect methodology and guidance on using the tape-lure, as set out in the Irish Wildlife Manual No. 50 (*i.e.* Cummins *et al*. 2010[1]). The licensee must also adhere to the survey window for using tape-playback methods *i.e.* 1st Dec – 31st March inclusive.

7. End of survey reports are to be provided by each applicant detailing summary results of all grouse tape-playback surveys for each site surveyed (*including sites where grouse were not recorded*). Ideally, these should be submitted no later than April 30th each calendar year at the end of the survey season to this email address: **wildlifelicence@npws.gov.ie**

8. NPWS Regional Staff must be contacted prior to the commencement of survey under the terms of this licence. Regional manager **Ger.ODonnell@npws.gov.ie**

Any query in relation to this licence should be made to:

wildlifelicence@npws.gov.ie

[1] Cummins, S., Bleasdale, A., Douglas, C., Newton, S., O'Halloran, J. & Wilson, H.J. (2010) The status of Red Grouse in Ireland and the effects of land use, habitat and habitat quality on their distribution. *Irish Wildlife Manuals*, No. 50. National Parks and Wildlife Service, Department of the Environment, Heritage and Local Government, Dublin, Ireland. https://www.npws.ie/sites/default/files/publications/pdf/IWM50.pdf

National Parks & Wildlife Service
LICENCE

An Roinn Tithíochta,
Rialtais Áitiúil agus Oidhreachta
Department of Housing,
Local Government and Heritage

Licence No. 13/2023 - Amended

NATIONAL PARKS & WILDLIFE SERVICE

Wildlife Acts 1976 to 2018 - Section 35

The Minister for Housing, Local Government and Heritage, in exercise of the powers conferred on the Minister by Section 35 of the Wildlife Acts 1976 to 2018 authorises:

Padraig Cregg - John Curtin – Andrew O'Donoghue - Lee Dark
Conor Rowlands - Niall McHugh - Niamh Scanlon - Eoghan Phelan.

MKO (McCarthy Keville, O'Sullivan), Tuam Road, Galway, H91 VW84.

To use a tape-luring device for the birds specified in Column 2 for the purpose of identifying their presence in the area specified in column 3 during the period

From 01 February 2023 to 31 March 2023

Subject to the conditions listed overleaf.

SCHEDULE

1	2	3
TYPE OF DEVICE	**SPECIES**	**AREA**
Tape Lure	**Red Grouse (*Lagopus lagopus*)**	**Proposed Wind Farm Site Dunneill - Easky, Co. Sligo.**

Dated 14 March 2023

For the Minister for Housing, Local Government and Heritage

Claire Cowley

Conditions

1. This licence shall be produced for inspection on a request being made on that behalf by a member of An Garda Síochána or any person appointed by the Minister for Housing, Local Government and Heritage under Section 72 of the Wildlife Acts 1976 to 2018, to be an authorised person for the purpose of the Acts.

2. This licence may be revoked at any time by the Minister for Housing, Local Government and Heritage.

3. If looking to enter any National Park/Nature Reserve you will need to get a permit (in addition to this licence).

4. The applicant must ensure that landowner permission is received to enter onto private land.

5. It is the responsibility of the applicant to ensure compliance with any other necessary permits, licences or permissions from the appropriate authorities are in place before undertaking the survey.

6. The licensee must follow the standard tape-playback transect methodology and guidance on using the tape-lure, as set out in the Irish Wildlife Manual No. 50 (*i.e.* Cummins *et al*. 2010[1]). The licensee must also adhere to the survey window for using tape-playback methods *i.e.* 1st Dec – 31st March inclusive.

7. End of survey reports are to be provided by each applicant detailing summary results of all grouse tape-playback surveys for each site surveyed (*including sites where grouse were not recorded*). Ideally, these should be submitted no later than April 30th each calendar year at the end of the survey season to this email address: **wildlifelicence@npws.gov.ie**

8. NPWS Regional Staff must be contacted prior to the commencement of survey under the terms of this licence. Regional manager **Ger.ODonnell@npws.gov.ie**

Any query in relation to this licence should be made to:

wildlifelicence@npws.gov.ie

[1] Cummins, S., Bleasdale, A., Douglas, C., Newton, S., O'Halloran, J. & Wilson, H.J. (2010) The status of Red Grouse in Ireland and the effects of land use, habitat and habitat quality on their distribution. *Irish Wildlife Manuals*, No. 50. National Parks and Wildlife Service, Department of the Environment, Heritage and Local Government, Dublin, Ireland. https://www.npws.ie/sites/default/files/publications/pdf/IWM50.pdf

National Parks & Wildlife Service
LICENCE

An Roinn Tithíochta,
Rialtais Áitiúil agus Oidhreachta
Department of Housing,
Local Government and Heritage

Licence No. 097/2023

NATIONAL PARKS & WILDLIFE SERVICE

Wildlife Acts 1976 to 2018 - Section 35

Minister for Housing Local Government and Heritage, in exercise of the powers conferred on the Minister by Section 35 of the Wildlife Acts 1976 to 2018 authorises:

ANDREW O'DONOGHUE, EOGHAN PHELAN, LEE DARK, NAILL MCHUGH, CONOR ROWLANDS, NIAMH SCANLON, JOHN DOWNES, CILLIAN MURPHY
MKO, Tuam Road, Co Galway, H91 VW84

To use the means specified in column 1 for to assist in the management of the species specified in Column 2
TO ASSESS THE DISTRIBUTION OF RED GROUSE (*LAGOPUS LAGOPUS*) AT THE SURROUNDING AREAS AT PROPOSED DUNNEILL/EASKY WINDFARM CO. SLIGO
in the area's specified in column 3 during the period from the **15 December 2023**
to 31 March 2024

Subject to the conditions listed overleaf.

SCHEDULE

1	2	3
TYPE OF DEVICE	**SPECIES**	**AREA**
Tape Lure	**Red Grouse (LAGOPUS LAGOPUS)**	**Dunneill, Easky Co Sligo.**

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For the Minister for Housing Local Government and Heritage

Claire Crowley

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Conditions

1. This licence shall be produced for inspection on a request being made on that behalf by a member of An Garda Síochána or any person appointed by the Minister for Housing, Local Government and Heritage, under Section 72 of the Wildlife Acts 1976 to 2018, to be an authorised person for the purpose of the Acts.

2. This licence may be revoked at any time by the Minister.

3. **Note:** This licence is valid only for licencee stated overleaf.

4. **Note:** This licence **does not permit** the applicant the right to enter to cross over or to shoot over any land(s) without the landowner's permission.

5. **Note:** This licence **does not permit** the use of mechanically propelled, electrical or battery operated decoys.

6. **Note:** This licence **does not permit** the use of Hawk or Owl decoys.

7. **Note:** NPWS Officers may carry-out spot checks on the exercise of this licence and the licence holder will be deemed to have agreed to this by virtue of having accepted this licence.

8. **Note:** All hunting and trapping of predators must be by recognised humane methods and be in full accordance with provisions of the Wildlife Acts 1976 and 2018.

9. **Note: (a)** The use of cage traps is allowed as a control method for certain species. Any traps used must comply with the relevant traps and snares regulations, (Wildlife Act 1976 (Approved Traps, Snares and Nets) Regulations 2003, and Section 35(5) of the Wildlife Act. **(b)** Where a live wild bird is used as a decoy it is necessary to ensure that the live decoy bird may only be used to hunt birds of the same species and that the live decoy bird must be regularly provided with ample food and water and that when caged must only be kept in a cage which is of sufficient dimensions to enable the bird to move and exercise freely.

10. Any query in relation to this licence should be emailed to:

wildlifelicence@npws.gov.ie