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## APPENDIX 7-2

*SURVEY EFFORT*



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Table 7-2-1 Vantage Point Survey Effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
21/05/2021	Vantage Point Survey	VP1	3:00 starting at 16:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		KW
21/05/2021	Vantage Point Survey	VP1	3:00 starting at 19:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		KW
12/06/2021	Vantage Point Survey	VP1	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
12/06/2021	Vantage Point Survey	VP1	3:00 starting at 18:30	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
07/07/2021	Vantage Point Survey	VP1	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		KW
07/07/2021	Vantage Point Survey	VP1	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		KW
24/07/2021	Vantage Point Survey	VP1	3:00 starting at 07:30	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		KW
24/07/2021	Vantage Point Survey	VP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		KW
31/08/2021	Vantage Point Survey	VP1	3:00 starting at 10:20	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PW
31/08/2021	Vantage Point Survey	VP1	3:00 starting at 13:55	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PW
28/09/2021	Vantage Point Survey	VP1	3:00 starting at 13:43	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		PW
28/09/2021	Vantage Point Survey	VP1	2:00 starting at 17:13	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PW
28/09/2021	Vantage Point Survey	VP1	1:00 starting at 19:13	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		PW

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
22/10/2021	Vantage Point Survey	VP1	3:00 starting at 07:02	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DW
22/10/2021	Vantage Point Survey	VP1	3:00 starting at 10:32	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Some light drizzle at end of survey period	DW
09/11/2021	Vantage Point Survey	VP1	3:00 starting at 14:45	Visibility: good; Wind speed and direction: light air WSW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		AM
18/11/2021	Vantage Point Survey	VP1	3:00 starting at 10:30	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		AM
14/12/2021	Vantage Point Survey	VP1	3:00 starting at 11:05	Visibility: none; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	cool, dry, breezy in pm	AM
16/12/2021	Vantage Point Survey	VP1	3:00 starting at 07:34	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Very little activity	DW
16/12/2021	Vantage Point Survey	VP1	3:00 starting at 11:04	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Very little activity	DW
11/01/2022	Vantage Point Survey	VP1	3:00 starting at 11:07	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		DW
11/01/2022	Vantage Point Survey	VP1	3:00 starting at 14:37	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		DW
14/01/2022	Vantage Point Survey	VP1	3:00 starting at 14:35			AM
25/02/2022	Vantage Point Survey	VP1	3:00 starting at 06:45	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none		AM
25/02/2022	Vantage Point Survey	VP1	3:00 starting at 10:15	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		AM
15/03/2022	Vantage Point Survey	VP1	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JM

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
15/03/2022	Vantage Point Survey	VP1	2:00 starting at 16:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JM
15/03/2022	Vantage Point Survey	VP1	1:00 starting at 18:30	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JM
27/04/2022	Vantage Point Survey	VP1	3:00 starting at 10:45	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		DW
31/05/2022	Vantage Point Survey	VP1	3:00 starting at 07:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		KW
23/06/2022	Vantage Point Survey	VP1	3:00 starting at 17:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
15/07/2022	Vantage Point Survey	VP1	3:00 starting at 09:30	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW
15/07/2022	Vantage Point Survey	VP1	3:00 starting at 13:00	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW
22/08/2022	Vantage Point Survey	VP1	3:00 starting at 08:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
22/08/2022	Vantage Point Survey	VP1	3:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
22/08/2022	Vantage Point Survey	VP1	3:00 starting at 16:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
23/08/2022	Vantage Point Survey	VP1	3:00 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
23/08/2022	Vantage Point Survey	VP1	3:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
02/09/2022	Vantage Point Survey	VP1	3:00 starting at 14:45	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB



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02/09/2022	Vantage Point Survey	VP1	3:00 starting at 18:15	Visibility: moderate; Wind speed and direction: light air SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
28/10/2022	Vantage Point Survey	VP1	3:00 starting at 07:15	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW
28/10/2022	Vantage Point Survey	VP1	3:00 starting at 10:45	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW
28/11/2022	Vantage Point Survey	VP1	3:00 starting at 10:50	Visibility: good; Wind speed and direction: strong breeze WNW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		KW
28/11/2022	Vantage Point Survey	VP1	3:00 starting at 14:20	Visibility: good; Wind speed and direction: strong breeze WNW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		KW
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		KW
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: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
21/02/2023	Vantage Point Survey	VP1	3:00 starting at 07:40	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		KW
21/02/2023	Vantage Point Survey	VP1	3:00 starting at 11:10	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		KW
28/02/2023	Vantage Point Survey	VP1	3:00 starting at 06:20	Visibility: moderate; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		KW
28/02/2023	Vantage Point Survey	VP1	3:00 starting at 09:50	Visibility: moderate; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		KW
24/03/2023	Vantage Point Survey	VP1	3:00 starting at 13:15	Visibility: moderate; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		KW
25/03/2023	Vantage Point Survey	VP1	3:00 starting at 16:45	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW

Table 7-2-2 Breeding Walkover Survey Effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
21/05/2021	Breeding Walkover Survey	T1	3:00 starting at 12:45	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
22/05/2021	Breeding Walkover Survey	T2	6:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		KW
22/05/2021	Breeding Walkover Survey	T3	3:00 starting at 17:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		KW
04/06/2021	Breeding Walkover Survey	T1, T3	6:00 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		KW
08/06/2021	Breeding Walkover Survey	T2	6:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
26/06/2021	Breeding Walkover Survey	T2	6:00 starting at 11:30	Visibility: good; Wind speed and direction: fresh breeze NNE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW
27/06/2021	Breeding Walkover Survey	T1, T3	6:00 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		KW
29/07/2021	Breeding Walkover Survey	T1, T2	6:00 starting at 09:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		IH
30/07/2021	Breeding Walkover Survey	T3	4:00 starting at 09:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		IH
12/04/2022	Breeding Walkover Survey	T1, T2, T3	7:11 starting at 10:08	Visibility: moderate; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		DW
13/04/2022	Breeding Walkover Survey	T4, T5, T7	6:56 starting at 10:04	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	T6 not covered, access issue	DW
11/05/2022	Breeding Walkover Survey	T1, T2	5:17 starting at 11:48	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 0-33% >500m; Rain: light showers; Frost: none; Snow: none		DW
12/05/2022	Breeding Walkover Survey	T3, T4, T5, T6, T7	6:02 starting at 12:05	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% >500m; Rain: light showers; Frost: none; Snow: none		DW

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
01/06/2022	Breeding Walkover Survey	T1, T2, T3, T4	6:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		DW
02/06/2022	Breeding Walkover Survey	T5, T6, T7	7:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		DW
21/07/2022	Breeding Walkover Survey	T1, T2, T3, T4	6:10 starting at 11:50	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		IH
22/07/2022	Breeding Walkover Survey	T5, T6, T7	6:08 starting at 11:22	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	19 degrees	IH

Table 7-2-3 Breeding Raptor Survey Effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
25/04/2021	Breeding Raptor Survey	BRVP1	3:00 starting at 08:25	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		SP
25/04/2021	Breeding Raptor Survey	BRVP2	3:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		SP
25/04/2021	Breeding Raptor Survey	BRVP3	3:00 starting at 14:40	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		SP
04/05/2021	Breeding Raptor Survey	BRVP1	3:00 starting at 08:15	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		SP
04/05/2021	Breeding Raptor Survey	BRVP2	3:00 starting at 11:20	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: heavy showers; Frost: none; Snow: none		SP
04/05/2021	Breeding Raptor Survey	BRVP3	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: heavy showers; Frost: none; Snow: none		SP
11/05/2021	Breeding Raptor Survey	BRVP4	3:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		SP
11/05/2021	Breeding Raptor Survey	BRVP5	3:00 starting at 12:20	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		SP
18/05/2021	Breeding Raptor Survey	BRVP4	3:00 starting at 08:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		SP
18/05/2021	Breeding Raptor Survey	BRVP3	3:00 starting at 11:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		SP
27/05/2021	Breeding Raptor Survey	BRVP1	3:00 starting at 08:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		SP
27/05/2021	Breeding Raptor Survey	BRVP5	3:15 starting at 11:15	Visibility: poor; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		SP
01/06/2021	Breeding Raptor Survey	BRVP2	3:00 starting at 08:00	Visibility: poor; Wind speed and direction: light air SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		SP

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
14/06/2021	Breeding Raptor Survey	BRVP1	3:00 starting at 08:10	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		SP
14/06/2021	Breeding Raptor Survey	BRVP5	3:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		SP
17/06/2021	Breeding Raptor Survey	BRVP5	3:00 starting at 08:15	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		SP
17/06/2021	Breeding Raptor Survey	BRVP2	3:00 starting at 11:30	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		SP
21/06/2021	Breeding Raptor Survey	BRVP3	3:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		SP
23/07/2021	Breeding Raptor Survey	BRVP1	3:00 starting at 09:00	Visibility: good; Wind speed and direction: calm N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		IH
27/07/2021	Breeding Raptor Survey	BRVP2	3:00 starting at 09:00	Visibility: moderate; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		IH
28/07/2021	Breeding Raptor Survey	BRVP4a	3:00 starting at 08:30	Visibility: limited; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		IH
28/07/2021	Breeding Raptor Survey	BRVP5	3:00 starting at 11:45	Visibility: moderate; Wind speed and direction: strong breeze W; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		IH
05/04/2022	Breeding Raptor Survey	BRVP9	1:00 starting at 10:33	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		DW
05/04/2022	Breeding Raptor Survey	BRVP8	3:00 starting at 11:39	Visibility: moderate; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		DW
05/04/2022	Breeding Raptor Survey	BRVP9	2:00 starting at 14:47	Visibility: good; Wind speed and direction: fresh breeze WSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		DW
26/04/2022	Breeding Raptor Survey	BRVP5	3:00 starting at 11:00	Visibility: moderate; Wind speed and direction: moderate breeze ESE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Haze > 1KM	KW

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
30/04/2022	Breeding Raptor Survey	BRVP1	3:00 starting at 14:30	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		KW
05/05/2022	Breeding Raptor Survey	BRVP6	3:00 starting at 10:33	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	April visit	DW
05/05/2022	Breeding Raptor Survey	BRVP7	3:00 starting at 13:45	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	April visit	DW
06/05/2022	Breeding Raptor Survey	BRVP8	2:00 starting at 11:02	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	No raptor sightings	DW
06/05/2022	Breeding Raptor Survey	BRVP9	2:00 starting at 15:23	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		DW
19/05/2022	Breeding Raptor Survey	BRVP1	3:00 starting at 08:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Haze	KW
19/05/2022	Breeding Raptor Survey	BRVP5	3:00 starting at 12:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
25/05/2022	Breeding Raptor Survey	BRVP6	3:00 starting at 15:45	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
30/05/2022	Breeding Raptor Survey	BRVP7	3:00 starting at 15:45	Visibility: good; Wind speed and direction: fresh breeze WNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Haze	KW
21/06/2022	Breeding Raptor Survey	BRVP8	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
21/06/2022	Breeding Raptor Survey	BRVP5	3:00 starting at 17:30	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW
22/06/2022	Breeding Raptor Survey	BRVP6	3:00 starting at 13:30	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
22/06/2022	Breeding Raptor Survey	BRVP1	3:00 starting at 17:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
23/06/2022	Breeding Raptor Survey	BRVP7	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		KW
14/07/2022	Breeding Raptor Survey	BRVP9	3:00 starting at 11:25	Visibility: good; Wind speed and direction: light breeze WNW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
14/07/2022	Breeding Raptor Survey	BRVP9	3:00 starting at 11:25	Visibility: good; Wind speed and direction: light breeze WNW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
14/07/2022	Breeding Raptor Survey	BRVP1	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
14/07/2022	Breeding Raptor Survey	BRVP1	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
19/07/2022	Breeding Raptor Survey	BRVP8	3:00 starting at 11:10	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
19/07/2022	Breeding Raptor Survey	BRVP8	3:00 starting at 11:10	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
19/07/2022	Breeding Raptor Survey	BRVP5	3:00 starting at 14:15	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
19/07/2022	Breeding Raptor Survey	BRVP5	3:00 starting at 14:15	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
22/07/2022	Breeding Raptor Survey	BRVP6	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light air WSW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
22/07/2022	Breeding Raptor Survey	BRVP6	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light air WSW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
22/07/2022	Breeding Raptor Survey	BRVP7	3:00 starting at 14:05	Visibility: good; Wind speed and direction: light air SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
22/07/2022	Breeding Raptor Survey	BRVP7	3:00 starting at 14:05	Visibility: good; Wind speed and direction: light air SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB

Table 7-2-4 Breeding Woodcock Survey Effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
20/05/2021	Breeding Woodcock Survey	WKT1	1:00 starting at 20:30	Visibility: moderate; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	No woodcock observed	LH
20/05/2021	Breeding Woodcock Survey	WKT1	0:50 starting at 21:30	Visibility: poor; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	No woodcock observed	LH
21/05/2021	Breeding Woodcock Survey	WKT2	1:00 starting at 20:15	Visibility: moderate; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	No woodcock observed	LH
21/05/2021	Breeding Woodcock Survey	WKT2	1:00 starting at 21:15	Visibility: poor; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	No woodcock observed	LH
04/06/2021	Breeding Woodcock Survey	WKT1	2:00 starting at 20:45	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No woodcock observed	KW
08/06/2021	Breeding Woodcock Survey	WKT2	2:00 starting at 20:50	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No woodcock observed	KW
26/06/2021	Breeding Woodcock Survey	WKT2	2:00 starting at 20:55	Visibility: good; Wind speed and direction: moderate breeze NNE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	No woodcock observed	KW
27/06/2021	Breeding Woodcock Survey	WKT1	2:00 starting at 20:55	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	No woodcock observed	KW
26/05/2022	Breeding Woodcock Survey	WKT1	2:00 starting at 20:35	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	No woodcock observed	CB
01/06/2022	Breeding Woodcock Survey	WKT2	2:00 starting at 20:43	Visibility: good; Wind speed and direction: light air SSE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	No woodcock observed	CB
16/06/2022	Breeding Woodcock Survey	WKT1	2:00 starting at 20:55	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No woodcock observed	KW
20/06/2022	Breeding Woodcock Survey	WKT1	2:00 starting at 20:57	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	No woodcock observed	KW
21/06/2022	Breeding Woodcock Survey	WKT2	2:00 starting at 20:55	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none	No woodcock observed	KW

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
22/06/2022	Breeding Woodcock Survey	WKT2	2:00 starting at 20:55	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No woodcock observed	KW
28/06/2022	Breeding Woodcock Survey	WKT2	2:00 starting at 20:55	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No woodcock observed	KW
29/06/2022	Breeding Woodcock Survey	WKT1	2:00 starting at 20:55	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No woodcock observed	KW

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Table 7-2-5 Breeding Kingfisher Survey Effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
24/04/2021	Breeding Kingfisher Survey	Tullaroan Stream	6:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		SP
20/05/2021	Breeding Kingfisher Survey	Tullaroan Stream	1:00 starting at 13:00	Visibility: moderate; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		LH
20/05/2021	Breeding Kingfisher Survey	Tullaroan Stream	1:00 starting at 14:00	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		LH
20/05/2021	Breeding Kingfisher Survey	Tullaroan Stream	0:45 starting at 15:00	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		LH
21/05/2021	Breeding Kingfisher Survey	Tullaroan Stream	1:00 starting at 17:00	Visibility: moderate; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		LH
20/04/2022	Breeding Kingfisher Survey	Tullaroan Stream	5:28 starting at 11:12	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		DW
04/05/2022	Breeding Kingfisher Survey	Tullaroan Stream	5:01 starting at 10:05	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		DW
24/05/2022	Breeding Kingfisher Survey	Tullaroan Stream	5:00 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		DW

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Table 7-2-6 Winter Walkover Survey Effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
11/11/2021	Winter Walkover Survey	500m Survey Radius	6:00 starting at 10:00	Visibility: moderate; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		DW
15/12/2021	Winter Walkover Survey	500m Survey Radius	5:34 starting at 10:35	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		DW
03/02/2022	Winter Walkover Survey	500m Survey Radius	6:05 starting at 10:15	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		DW
02/03/2022	Winter Walkover Survey	500m Survey Radius	5:55 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		DW
24/10/2022	Winter Walkover Survey	500m Survey Radius	6:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		KW
08/12/2022	Winter Walkover Survey	500m Survey Radius	6:00 starting at 09:30	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
06/01/2023	Winter Walkover Survey	500m Survey Radius	6:00 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
15/03/2023	Winter Walkover Survey	500m Survey Radius	6:00 starting at 09:30	Visibility: poor; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		KW

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Table 7-2-7 Waterbird Distribution Survey Effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
17/08/2021	Waterbird Distribution Survey	5km Survey Radius	3:10 starting at 11:05	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PW
17/08/2021	Waterbird Distribution Survey	5km Survey Radius	3:00 starting at 14:35	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PW
30/08/2021	Waterbird Distribution Survey	5km Survey Radius	3:00 starting at 14:05	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PW
30/08/2021	Waterbird Distribution Survey	5km Survey Radius	3:00 starting at 17:35	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PW
08/09/2021	Waterbird Distribution Survey	5km Survey Radius	3:20 starting at 09:35	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PW
08/09/2021	Waterbird Distribution Survey	5km Survey Radius	1:00 starting at 13:15	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PW
08/09/2021	Waterbird Distribution Survey	5km Survey Radius	1:40 starting at 14:15	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	Heavy showers towards end of survey.	PW
29/09/2021	Waterbird Distribution Survey	5km Survey Radius	3:19 starting at 12:43	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		PW
29/09/2021	Waterbird Distribution Survey	5km Survey Radius	2:00 starting at 16:32	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PW
29/09/2021	Waterbird Distribution Survey	5km Survey Radius	0:41 starting at 18:32	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PW
15/10/2021	Waterbird Distribution Survey	5km Survey Radius	5:10 starting at 11:05	Visibility: moderate; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		DW
28/10/2021	Waterbird Distribution Survey	5km Survey Radius	2:30 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze WSW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		DW
11/11/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 09:00	Visibility: moderate; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		JM

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
11/11/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 10:00	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		JM
11/11/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 11:00	Visibility: poor; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JM
11/11/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JM
11/11/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 13:00	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JM
26/11/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 09:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JM
26/11/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JM
26/11/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 11:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JM
26/11/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 12:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JM
26/11/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 13:00	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		JM
26/11/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 14:00	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		JM
07/12/2021	Waterbird Distribution Survey	8km Survey Radius	3:00 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JM
07/12/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 12:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		JM
07/12/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 13:00	Visibility: good; Wind speed and direction: near gale SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		JM

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
20/12/2021	Waterbird Distribution Survey	8km Survey Radius	5:00 starting at 08:30			JM
20/12/2021	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 13:30	Visibility: moderate; Wind speed and direction: light air E; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JM
07/01/2022	Waterbird Distribution Survey	5km Survey Radius	5:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		DW
20/01/2022	Waterbird Distribution Survey	5km Survey Radius	4:30 starting at 10:45	Visibility: good; Wind speed and direction: light breeze WNW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		DW
04/02/2022	Waterbird Distribution Survey	8km Survey Radius	3:00 starting at 08:50	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		JM
04/02/2022	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 11:50	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		JM
04/02/2022	Waterbird Distribution Survey	8km Survey Radius	2:00 starting at 12:50	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JM
22/02/2022	Waterbird Distribution Survey	8km Survey Radius	3:00 starting at 08:30			JM
22/02/2022	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	rain end 1200	JM
22/02/2022	Waterbird Distribution Survey	8km Survey Radius	2:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		JM
11/03/2022	Waterbird Distribution Survey	12km Survey Radius	4:00 starting at 09:45			JM
11/03/2022	Waterbird Distribution Survey	12km Survey Radius	2:00 starting at 13:45			JM
25/03/2022	Waterbird Distribution Survey	12km Survey Radius	6:00 starting at 09:30			JM

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
20/04/2022	Waterbird Distribution Survey	8km Survey Radius	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CB
28/04/2022	Waterbird Distribution Survey	8km Survey Radius	3:30 starting at 13:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Kilcooly estate closed, no access to Kilcooly Lake	CB
18/05/2022	Waterbird Distribution Survey	8km Survey Radius	1:30 starting at 18:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
26/05/2022	Waterbird Distribution Survey	8km Survey Radius	1:30 starting at 18:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CB
19/08/2022	Waterbird Distribution Survey	8km Survey Radius	4:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Kilcooly estate closed, unable to access Kilcooly lake	CB
31/08/2022	Waterbird Distribution Survey	8km Survey Radius	3:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze ENE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Kilcooly estate closed, unable to access Kilcooly lake	CB
15/09/2022	Waterbird Distribution Survey	8km Survey Radius	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Kilcooly house closed, no access to Kilcooly Lake	CB
28/09/2022	Waterbird Distribution Survey	8km Survey Radius	3:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Kilcooly house closed, no access to Kilcooly Lake	CB
12/10/2022	Waterbird Distribution Survey	8km Survey Radius	3:30 starting at 13:00	Visibility: good; Wind speed and direction: light air WSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Kilcooly house closed, no access to Kilcooly lake	CB
21/10/2022	Waterbird Distribution Survey	8km Survey Radius	3:30 starting at 13:15	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	Kilcooly house closed, no access to Kilcooly lake	CB
16/11/2022	Waterbird Distribution Survey	6km Survey Radius	6:00 starting at 07:45	Visibility: poor; Wind speed and direction: light air N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Fog	KW
24/11/2022	Waterbird Distribution Survey	6km Survey Radius	6:00 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
06/12/2022	Waterbird Distribution Survey	6km Survey Radius	6:00 starting at 09:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		KW

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
18/12/2022	Waterbird Distribution Survey	6km Survey Radius	6:00 starting at 09:00	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		KW
10/01/2023	Waterbird Distribution Survey	6km Survey Radius	6:00 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
29/01/2023	Waterbird Distribution Survey	6km Survey Radius	6:00 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW
10/02/2023	Waterbird Distribution Survey	6km Survey Radius	6:00 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze WSW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
27/02/2023	Waterbird Distribution Survey	6km Survey Radius	6:00 starting at 09:00	Visibility: moderate; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		KW
12/03/2023	Waterbird Distribution Survey	6km Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze SSW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		KW
25/03/2023	Waterbird Distribution Survey	6km Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
04/04/2023	Waterbird Distribution Survey	8km Survey Radius	6:30 starting at 09:40	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		NJB
11/04/2023	Waterbird Distribution Survey	8km Survey Radius	6:26 starting at 11:17	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		NJB
22/05/2023	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 10:21	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CC
22/05/2023	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 11:21	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CC
22/05/2023	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 12:21	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CC
22/05/2023	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 13:21	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CC

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
22/05/2023	Waterbird Distribution Survey	8km Survey Radius	0:39 starting at 14:21	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CC
22/05/2023	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CC
31/05/2023	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 13:40	Visibility: moderate; Wind speed and direction: fresh breeze NE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CC
31/05/2023	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 14:40	Visibility: moderate; Wind speed and direction: fresh breeze NE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CC
31/05/2023	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 15:40	Visibility: moderate; Wind speed and direction: moderate breeze NE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CC
31/05/2023	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 16:40	Visibility: moderate; Wind speed and direction: fresh breeze NE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CC
31/05/2023	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 17:40	Visibility: moderate; Wind speed and direction: fresh breeze NE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CC
31/05/2023	Waterbird Distribution Survey	8km Survey Radius	1:00 starting at 18:40	Visibility: moderate; Wind speed and direction: fresh breeze NE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CC