



APPENDIX 6-1

***SURVEY SCHEDULE FOR
TERRESTRIAL ECOLOGY***

Vantage Point Survey Schedule (2018-2022)

Date	Time	VPs covered	Weather	Observers
30/04/2018	10:30 - 17:10	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Sunny + calm, cloud 4/8, Wind F0/1, occasional showers, Visibility Excellent	IA, TN, JD, RD, GF, MON, GF
28/05/2018	10:30- 17:00	VP1, VP2, VP3, VP4, VP5, VP6	Overcast, Warm 16C, Wind Southeasterly F2, Visibility moderate to good, Cloud Cover 6/8	RD, JD, KMK, MON, AC, AD
30/05/2018	10:33- 17:13	VP7	First half of VP dry , Cloud 4/8, Wind F0/1 17C, and second half very showery with hail 10C Wind F3 west, Cloud 8/8	RD
25/06/2018	10:00 - 17:15	VP2, VP3, VP4, VP5, VP7	Sunny, turning hazy, cloud 6/8, dry, gentle wind Southeasterly F1, Visibility Good ~5km	KMK, AC, GF, JD, AD
26/06/2018	10:08- 17:00	VP6	Warm dry day, Thin cloud cover 5/8, Gentle southeasterly wind F1, Good Visibility turns hazy	RD
29/06/2018	08:00- 14:30	VP1	Dry and sunny, Wind F3 East, Good visibility with slight haze	JD
27/07/2018	10:05 - 16:05	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Unsettled with 12 then heavy rain with some lightning. Visibility Poor to Moderate - Good, Wind F3-4, Cloud Cover 8/8	RD, AC, TN, JD, CC, DR, AD
20/08/2018	10:20- 16:20	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Cloud Cover 8/8, Wind F3-4, Poor to Moderate Visibility, Mist/fog, Temperature 17C	CC, AD, JD, DR, TN, AC, GF
25/10/2018	10:10 - 16:50	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Dry, sunny spells, Visibility excellent (10km), wind northwest F3, cloud 6/8, Temperature 8.5C	AC, DR, GF, AD, BOM, JD, CC
21/11/2018	10:20 - 16:20	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Dry, 3C, low cloud/overcast, Visibility >3km, wind southeast F1/2, cloud 8/8, cloud lifted significantly last 2hrs	AD, TN, JD, BOM, MON, PT, GF
12/12/2018	10:05- 16:05	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Cloud Cover 8/8, visibility poor <5km, dry at first but followed by rain, wind Southeasterly F4-5, Temperature 5C	KMK, PT, AD, CC, DR, BOM, GF
15/01/2019	10:00 - 16:15	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Dry, 6-7C, Wind, southwest 4/5, Cloud 7-8/8, Visibility Poor/Moderate due to mist	GF, MS, TN, RD, DR, CC, AD
14/02/2019	10:00 - 16:00	VP1, VP2, VP4, VP5, VP6, VP7	Cloud 8/8, Dry, Wind southeast F4/5, Visibility Good, 8C	RD, BOM, TN, AD, JD, MS
15/02/2019	10:15 - 16:15	VP3		TN

Date	Time	VPs covered	Weather	Observers
19/03/2019	10:00 - 16:00	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Thick mist, cleared to the southwest around 11:30, Wind F2/3, Cloud 8/8	RD, TN, BOM, AD, MS, CC, JD
16/04/2019	10:05 - 16:05	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Dry, 8C - 10C, Visibility Good, Cloud 3-7, Wind south/southeast F3/4.	JD, RD, BOM, PT, AD, MS, CC
28/05/2019	10:15 - 16:15	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Dry, cloud 6/8 - 8/8 (cloudier later in the survey), visibility 5km - 10km, wind northwest/west F1 - F3	BOM, JD, RD, AD, MS, TN, GF
26/06/2019	10:08 - 16:08	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Dry, Cloud cover was low early in VP (2-4/8,) but cloudier later in the day 7/8, Wind east F3/4, Visibility Good (6-8km)	AC, MS, BOM, JD, AD, GF, RD
14/07/2019	09:55 - 15:55	VP7	Wind south F3, blustery with low cloud 8/8, 7-9C	RD
17/07/2019	10:04 - 16:04	VP1, VP2, VP3, VP4, VP5, VP6	Cloud 8/8, Wind southwest F4, Visibility Moderate/Good (low cloud at times and misty on an off)	GF, RD, AD, MS, CC, JD
26/08/2019	10:20 - 16:20	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Cloud 8/8, Dry, Visibility Good, Wind southwest 2/3	KMK, RD, JD, AD, GF, BOM, MS
21/10/2019	10:00 - 16:00	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Cloud 0/1, Wind F0/1, Cool and misty in the morning but then sunny and mild (up to 15C), Visibility good.	BOM, RD, AD, GF, TN, JD, MS
05/11/2019	10:10 - 16:10	VP1, VP2, VP3, VP4, VP5, VP6	Dry, Cloud 8/8 early in VP and 5/8 by the end of VP, Wind northwest F3, Visibility Good	BOM, JD, TN, MS, AD, GMc
06/11/2019	9:45 - 15:45	VP7	Cloud 8/8 early in the VP and falling to 5/8 by the end of the VP, Visibility Good, Wind north F3, rain shower in the middle of VP	TN
06/12/2019	10:00 - 16:00	VP1, VP2, VP3, VP4, VP5, VP6, VP7	9C - 11C, Cloud 7/8, Visibility Moderate/Good, Wind west F2/3, light showers throughout VP from 11:30	PT, AD, DR, GMc, BOM, MS, GF
16/01/2020	9:50-15:50	VP6	Good Visibility, Wind Southwest F3, Snow shower, Heavy showers at times	MS
17/01/2020	09:44 - 15:44	VP1, VP2, VP3, VP4, VP5, VP7	Sunny spells with frequent snow and sleet showers, temperature 0C - 3C, poor visibility in the morning (low fog/cloud) and good vis in the afternoon, Cloud 7/8, Wind west/northwest F3/4	AD, CD, JD, GMc, RD, PT
19/03/2020	9:50-15:50	VP1, VP2, VP3, VP4, VP5, VP6, VP7	Wind North-westerly F2/3, Visibility very good, Cloud Cover 7/8, Dry, Temperature 6C	CD, JD, MS, TN, GMc, AD, MK

Date	Time	VPs covered	Weather	Observers
25/11/2021	9:00-15:00	VP6, VP7	Dry, Cloud Cover 1/8, Northern wind F3, Sunny and dry to begin but cool and overcast later in the survey, Excellent visibility 10km	JD, AD
29/11/2021	9:00-15:00	VP4,VP5	Wind Northwest F2, Cloud Cover 7/8, Occasional rain shower, visibility poor to moderate	JD, MS
30/11/2021	9:20-15:20	VP1, VP2, VP3	Wind Southwest F5, Cloud Cover 8/8, Rain later in the survey, Visibility poor to moderate	JD, DP, MS
14/12/2021	9:15-15:15	VP5,VP6, VP7	Wind Westerly F4, Cloud Cover 6/8, Mostly dry with occasional showers, Visibility poor-moderate	JD,MS, NL
15/12/2021	9:11-15:11	VP1, VP4	Wind Southwest F4, Cloud Cover 6/8, Low cloud, Mist, Poor Visibility	MS, JD
16/12/2021	9:11-15:11	VP2, VP3	Wind Southeast F3, Cloud Cover 8/8, Dry, Visibility good	JD, MS
20/01/2022	8:58-14:58	VP5, VP6, VP7	Dry, Cloud Cover 6/8- 8/8, Northern wind F3, Visibility excellent	MS, NL, AD
21/01/2022	9:00-15:00	VP2, VP3, VP4	Dry and Calm, Wind westerly F2, Cloud Cover 8/8, Visibility moderate	JD, MS, PR
24/01/2022	9:11-15:11	VP1	Dry, Wind F4, Cloud Cover 8/8, Visibility moderate	MS
25/01/2022	9:20-15:20	VP4, VP5, VP6, VP7	Dry and calm, Wind Southeast F2, Cloud Cover 8/8, Visibility good	AM, JD, MS, PR
26/01/2022	9:00-15:00	VP1,VP2,VP3	Dry with misty showers around 2pm, Cloud Cover 2/8, Visibility excellent until showers, Wind F2	NL, PR, MS
22/02/2022	9:05-15:05	VP1, VP2, VP3, VP4	Occasional light shower, Wind Westerly F2-3, Cloud Cover 5/8, Visibility moderate to excellent	MS, PR, JD, AD
25/02/2022	08:57-14:57	VP5, VP6, VP7	Occasional shower but mostly dry, Wind F2, Cloud Cover 8/8, Visibility Good, Patches of lying snow	PR, JD, MS
22/03/2022	9:07-15:07	VP1, VP2, VP3, VP4, VP5	Light rain for ~50% of survey time and moderate rain for 1hr, Wind Southeast F4, Cloud Cover 6/8, Visibility moderate to excellent	PR, AD, NL, MS, JD

Date	Time	VPs covered	Weather	Observers
23/03/2022	8:41-14:41	VP6, VP7	Dry with low cloud until 10:30, Wind F1-2, Cloud Cover 2/8, Visibility moderate	MS, PR
21/04/2022	9:09-15:09	VP1, VP2, VP3, VP4, VP7	Dry, Cloud Cover 3/8, Wind Southeasterly F4, Visibility excellent, Hazy sun in the afternoon	PR, MS, JD, NL, AD
22/04/2022	8:42-14:42	VP5, VP6	Dry, Wind Easterly F4, Cloud Cover 1/8 gradually increased to 8/8, Visibility Excellent	NL, MS
24/05/2022	09:11-15:11	VP5, VP6, VP7	Mostly dry with a few showers, Wind Northwest F3, Cloud Cover 6/8, Visibility excellent	AD, NL, JD
27/05/2022	9:09-15:09	VP1, VP2, VP3, VP4	Dry, Wind Northwest F2, Cloud Cover 4/8, Visibility Excellent, Heat haze after 12pm	AD, MS, PR, JD
22/06/2022	9:14-15:14	VP1, VP2, VP3, VP4	Dry, Wind Northwest F2, Cloud Cover 8/8, Visibility Excellent ~10km	MS, JD, AD, PR
23/06/2022	8:59-14:59	VP5, VP6, VP7	Dry, Wind Westerly F1, Cloud Cover 8/8, Visibility poor to begin (low cloud until 10:30) and then excellent (1km-10km)	MS, AD, PR
21/07/2022	8:37-14:37	VP1,VP2,VP3,VP4,VP7	Dry, Wind Northeasterly F1, Cloud Cover 7/8, Visibility excellent ~10km	JD, AD, PR, NL, MS
22/07/2022	8:48-14:48	VP5, VP6	Dry, Wind Southern F1-2, Cloud Cover 6/8, Visibility Excellent	AD, PR
19/08/2022	8:37-14:37	VP5, VP6, VP7	Showers for ~20% of the survey, Cloud Cover 6/8, Wind South-westerly F3, Visibility mostly good	PR, NL, AD
24/08/2022	9:08-15:08	VP1, VP2, VP3, VP4	Dry, Wind Southwest F1-4, Cloud Cover 6/8, Visibility Excellent ~10km	PR, AD, JD, MS

Observers Key

IA – Dr. Isobel Abbott	TN – Tony Nagle	JD – John Deasy	RD – Rory Dalton	GF – Dr. Gavin Fennessy	MON – Michelle O’Neill
KMK – Dr. Katherine Kelleher	AC- Austin Cooney	AD – Aidan Duggan	CC – Ciaran Cronin	DR – David Rees	BOM – Barry O’Mahony
PT – Paul Troake	MS – Mark Shorten	GMc – Gerard McGrath	CD – Claire Deasy	MK – Marie Kearns	DP – Donnacha Powell
NL – Noel Linehan	PR- Paul Rowe	AM – Dr. Allan Mee			

Active Bat Survey Schedule

2018	
Date	16/08/2018
Surveyor	Gavin Fennessy & John Deasy
Start Time	20:40
End Time	00:49
Weather Conditions	Dry & Mild, Wind F2, Clear
2018	
Date	20/08/2018
Surveyor	Gavin Fennessy & Michelle O'Neill
Start Time	20:50
End Time	00:35
Weather Conditions	Overcast, Wind F3, Short spell of rain, Mostly Dry
2019	
Date	26/06/2019
Surveyor	John Deasy & Gavin Fennessy
Start Time	22:27
End Time	00:44
Weather Conditions	Clear, Cloud 2/8, 15 Celsius, Wind F3-4, Dry
2019	
Date	17/07/2019
Surveyor	Gavin Fennessy & Rory Dalton
Start Time	22:00
End Time	00:25
Weather Conditions	Cloudy and overcast, dry, Wind F2-4.
2021	
Date	17/08/2021
Surveyor/s	Donnachadh Powell + Tiernan O'Ceallaigh
Start Time	20:58
Finish Time	22:54
Weather Conditions	13 Celsius, No rain, 6km/h winds
2021	
Date	08/09/2021
Surveyor/s	Donnachadh Powell + Tiernan O'Ceallaigh
Start Time	20:09
Finish Time	22:54
Weather Conditions	16 Celsius, Light rain. 5km/h winds
2022	
Date	31/05/2022
Surveyor/s	Donnachadh Powell + Colm Breslin
Start Time	21:50
Finish Time	23:32
Weather Conditions	13 Celsius, No rain, 6km/h winds

Trail Camera Deployment Dates

ID	Date deployed	Date collected	Days
TC1	05/11/2018	12/11/2018	7
TC2	05/01/2019	06/04/2019	91
TC3	10/11/2018	21/11/2018	11
TC4	12/02/2019	26/08/2019	195
TC5	12/02/2019	31/03/2019	47
TC6	16/08/2018	26/03/2019	222
TC7	23/11/2018	02/12/2019	374
TC8	23/11/2018	02/12/2019	374
TC9	26/06/2019	15/08/2019	50
TC10	16/08/2018	26/03/2019	222
TC11	11/11/2018	15/12/2018	34
TC12	26/03/2019	30/11/2019	249
TC13	30/01/2022	26/03/2022	55
TC14	30/01/2022	26/03/2022	55
TC15	30/01/2022	26/03/2022	55
TC16	30/01/2022	26/03/2022	55
TC17	30/01/2022	26/03/2022	55
TC18	30/01/2022	26/03/2022	55
TC19	30/01/2022	26/03/2022	55
TC20	30/01/2022	26/03/2022	55

Mammal Survey Walkover Dates

Date	Surveys undertaken
16/08/2018	General mammal walkover survey
20/08/2018	General mammal walkover survey
26/03/2019	General mammal walkover survey, checks along watercourses
31/05/2021	General mammal walkover survey, checks along watercourses
08/09/2021	General mammal walkover survey, checks along watercourses

Date	Surveys undertaken
26/03/2022	General mammal walkover survey, collection of trail cameras