



APPENDIX 7-4

BIRD SURVEY DATA



Appendix 7-4 – Survey Data

Glenard Wind Farm





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Table 1 Golden Eagle Survey Data

| | | | | | | | Van | tage Poi | int Survey | 7S | | |
|-------------|------------|-----|-----------------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| EA001 | 20/04/2017 | VP6 | Golden Eagle | 1 | 14:48:00 | 280 | 50 | 230 | | WD4, (Conifer plantation) flying | Golden Eagle spotted flying low over conifer forest tree-tops, circling and gaining height. Flew slow to sweeping passes, with glides and turns over the forest habitat (mixed tree height / age plantation) finally landing into a clump of tall conifers to perch in tree canopy. | ND |
| EA002 | 20/04/2017 | VP6 | Golden Eagle | 1 | 15:03:00 | 564 | 84 | 480 | | WD4, (Conifer plantation) HH3, (Wet heath) flying | Subsequent to last observation, Golden Eagle left perch flying low over conifer forest treetops, gaining height, circling to 30m to 40m range (variable). Flew slow to sweeping passes, with glides and turns finally landing into the same clump of tall conifers, as previous. | ND |
| EA003 | 20/04/2017 | VP6 | Golden Eagle | 1 | 15:18:00 | 470 | 50 | 420 | | WD4, (Conifer plantation) HH3, (Wet heath) flying | As previous description; repeat of similar flight activity. | ND |
| EA004 | 20/04/2017 | VP6 | Golden Eagle | 1 | 15:27:00 | 670 | 200 | 430 | | WD4, (Conifer plantation) HH3, (Wet heath) flying | Similar to previous description; this time the eagle flew broader area, descending low and landing at stream (possibly to drink) for 30 seconds. Finally landed, after stationary airborne flight above the area, outside the edge of conifer forest on Wet heath near sheep feeding station. Sheep with lambs appeared not alarmed. | ND |
| EA005 | 24/04/2017 | VP4 | Golden Eagle | 1 | 10:15:00 | 126 | 0 | 126 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) flying | Golden Eagle flew past rapidly at a height of 30m, pursued and chased by Raven, which continued as far as Owenkillew River valley where RN ceased pursuit | ND |
| EA006 | 24/04/2017 | VP3 | Golden Eagle | 1 | 11:21:00 | 80 | 0 | 80 | 0 | WD4, (Conifer plantation) PB2, | Similar to last obs.: Golden Eagle flew past rapidly at a height of 30m, pursued and chased | ND |



| | | | | | | | Van | tage Poi | nt Survey | rs | | |
|-------------|------------|------|-----------------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| | | | | | | | | | | (Upland blanket bog) flying | by Raven, which continued as far as Owenkillew River valley where RN ceased pursuit | |
| EA007 | 26/04/2017 | VP2a | Golden Eagle | 1 | 11:09:00 | 537 | 27 | 510 | | PB2, (Upland blanket bog) WD4, (Conifer plantation) flying | Golden Eagle flew into distant view over skyline to south-east. Flew slowly at a height of 30m to 50m, quartering ground for prey opportunities. Finally, it was spotted and targeted by a Raven which flew from the east at speed and chased the eagle back to the south-east, forcing it to descend and exit rapidly. | ND |
| EA008 | 05/01/2018 | VP6 | Golden Eagle | 1 | 13:09:00 | 81 | 0 | 0 | 81 | HH3, (Wet heath) PB2, (Upland blanket bog) In flight | Adult observed from VP6 flying NE above PCH offsite. Soaring above Illies Hill. No tags observed. | AR |
| EA009 | 16/08/2018 | VP1a | Golden Eagle | 1 | 16:08:00 | 25 | | 25 | | WD4, (Conifer plantation) Possible yellow wing tags- over site soaring | Possible yellow wing tags- over site soaring | AOD |
| EA0010 | 14/08/2019 | VP6 | Golden Eagle | 1 | 19:45:00 | 20 | | | | WD4, (Conifer plantation) Flushed | | JK |
| EA0011 | 16/08/2019 | VP1 | Golden Eagle | 1 | 20:01:00 | 20 | 20 | | | WD4, (Conifer plantation) Travelling for cover from rain shower. | | JК |



| | Breeding Raptor Surveys | | | | | | | | | | | |
|-----------------|--|----------|-----------------|---|--|---|----|--|--|--|--|--|
| Map Ref. No. | Survey Time of Observation Species No. of Habitat and Observation Surveyor | | | | | | | | | | | |
| EA001 | 27/07/2019 | 13:21:00 | Golden Eagle | 1 | | No breeding territory here on site. There is an established breeding site within 15km radius. Golden Eagles were recorded here on several occasions on past surveys | ND | | | | | |

| | Golden Eagle Surveys | | | | | | | | | | | |
|-----------------|---|----------|-----------------|---|---|----|--|--|--|--|--|--|
| Map Ref. No. | No. Date observation Species birds Notes on Habitat and Activity Surv | | | | | | | | | | | |
| EA001 | 23/03/2017 | 09:10:00 | Golden Eagle | 2 | HH3, (Wet heath) PB2, (Upland blanket bog) PB5, (Eroding blanket bog) Pair observed soaring over Urris Hill. Male observed in courtship display passing a stick. Male observed around area for several hours being mobbed by RN, carrying heather and sky-dancing on 3 occasions. | AR | | | | | | |
| EA001 | 23/03/2017 | 14:10:00 | Golden Eagle | 2 | ER3, (Siliceous scree and loose rock) Female reappeared at 14:10 flying/hunting along with male but was chased off by RN. Male landed 3 times on crag and heather. EA were seen in the same area between Urris and Mamore gap for most of the day. | AR | | | | | | |

| | Incidental Observations | | | | | | | | | | |
|------------|--|--------------|---|--|----|--|--|--|--|--|--|
| Date | Date Survey Type Species No. of Birds Notes Surveyor | | | | | | | | | | |
| 17/12/2016 | Offsite during VP 6 | Golden Eagle | 1 | 11:15 at C423 370. Soaring over vegetation around Slieve Sneacht before going out of sight after 71 seconds. | AR | | | | | | |

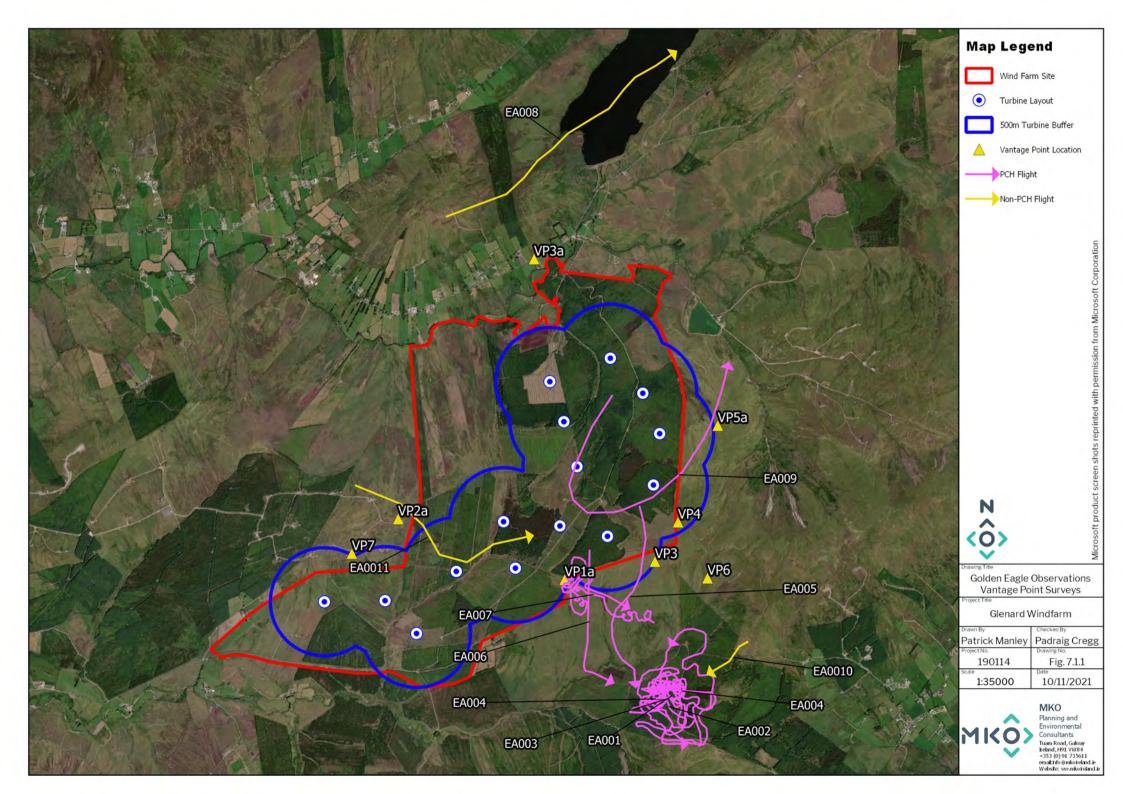








Table 2 Golden Plover Survey Data

| | | | | | | | Vant | age Poin | t Surveys | | | |
|-------------|------------|-----|------------------|--------------------|----------------|------------------------|-----------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| GP001 | 18/02/2017 | VP6 | Golden Plover | 22 | 11:41:00 | 47 | 0 | 47 | 0 | PB2, (Upland blanket bog) In flight | Small flock observed flying SE rapidly within PCH | AR |
| GP002 | 11/04/2017 | VP3 | Golden Plover | 22 | 09:06:00 | 165 | 0 | 165 | 0 | PB2, (Upland blanket bog) HH3, (Wet heath) flying | Migrants on passage | ND |
| GP003 | 11/04/2017 | VP3 | Golden Plover | 6 | 10:18:00 | 75 | 25 | 50 | 0 | PB2, (Upland blanket bog) flying | Migrants on passage; as above | ND |
| GP004 | 11/04/2017 | VP3 | Golden Plover | 22 | 10:40:00 | 140 | 30 | 110 | 0 | PB2, (Upland blanket bog) flying | Migrants on passage same flock; as above | ND |
| GP005 | 11/04/2017 | VP3 | Golden Plover | 22 | 10:46:00 | 190 | 10 | 180 | 0 | PB2, (Upland blanket bog) HH3, (Wet heath) flying | Migrants on passage same flock; as above | ND |
| GP006 | 11/04/2017 | VP3 | Golden Plover | 22 | 10:52:00 | 130 | 0 | 130 | 0 | PB2, (Upland blanket bog) flying | Migrants on passage same flock; as above | ND |
| GP007 | 20/04/2017 | VP6 | Golden Plover | 16 | 14:12:00 | 195 | | 195 | | PB2, (Upland blanket bog) HH3, (Wet heath) GS4, (Wet grassland) flying | Migrants on passage: Flock of GP made passes over the peak and plateau zone around VP6, and were vocal; flew broad circles (30m to 50m high) before flying out of visual range over skyline to SE | ND |
| GP008 | 29/11/2018 | VP4 | Golden Plover | 3 | 11:46:00 | 15 | 15 | | | PB2, (Upland blanket bog) GS4, (Wet grassland) Calling birds flying from ground | <u> </u> | AOD |
| GP009 | 09/01/2019 | VP5 | Golden Plover | 3 | 12:36:00 | 15 | 15 | | | GS4, (Wet grassland) PB2, (Upland blanket bog) Flushed by HH | | AOD |
| GP0010 | 28/02/2019 | VP6 | Golden Plover | 3 | 14:00:00 | 5 | 5 | | | GS4, (Wet grassland) HH4, (Montane | | AOD |



| | Vantage Point Surveys | | | | | | | | | | | | |
|---|-----------------------|------|----|---------|-------|---------|---------------|-------|--------|---------|----------------------|----------|----------|
| | Map | Date | VP | Species | No. | Time of | Duration | Band | Band 2 | Band 3 | Notes on habitat and | Comments | Surveyor |
| F | Ref. | | | | of | flight | of flight (s) | 1 (0- | (25- | PCH | activity | | |
| | | | | | Birds | | | 25m) | 175m) | (175m+) | | | |
| | | | | | | | | | | | heath) Calling small | | |
| | | | | | | | | | | | flock flew over VP | | |

| | Breeding Walkover Surveys | | | | | | | | | | | | |
|-----------------|---------------------------|-------|------------------|----|--|--|----|--|--|--|--|--|--|
| Map Ref. No. | | | | | | | | | | | | | |
| GP001 | 17/04/2017 | 12:10 | Golden Plover | 21 | HH3, (Wet heath) PB2, (Upland blanket bog) In flight | Suitable nesting habitat; Possible breeder | AR | | | | | | |
| GP002 | 18/05/2017 | 10:10 | Golden Plover | 6 | PB2, (Upland blanket bog) In flight calling | Suitable nesting habitat; Possible breeder | AR | | | | | | |

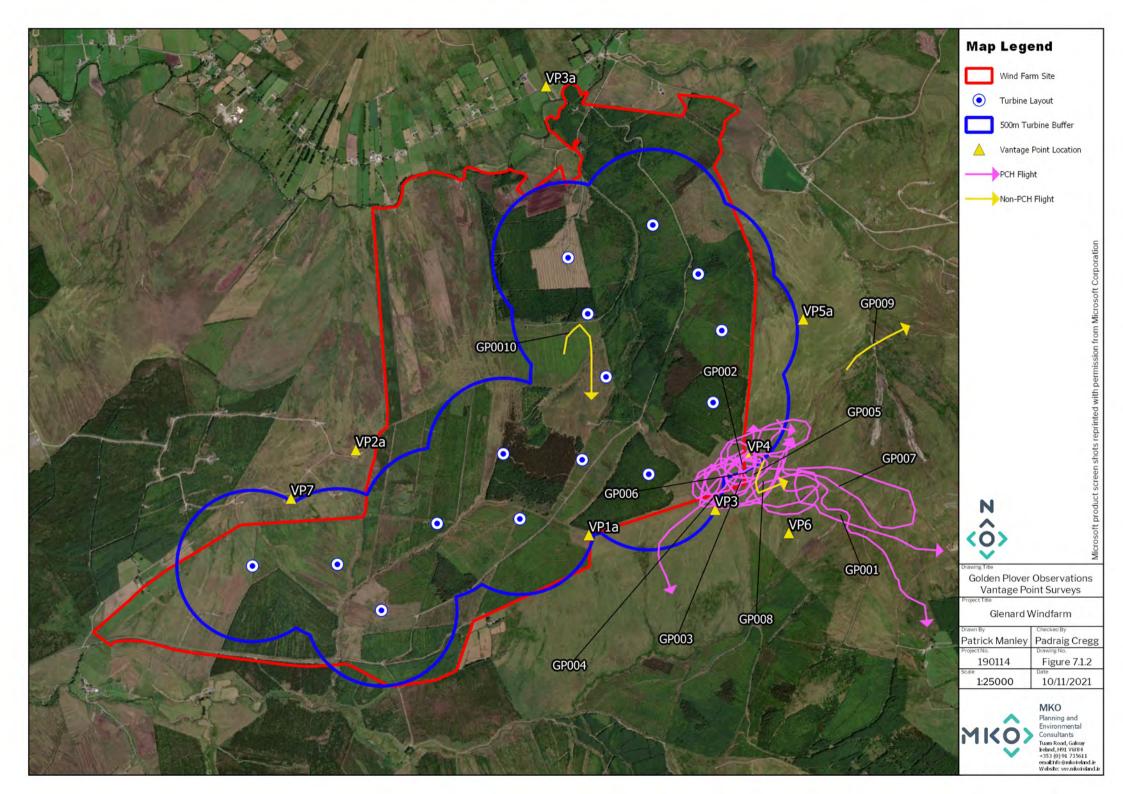
| | Winter Walkover Surveys | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|
| Map Ref. | Map Ref. Date Time Species No. of birds Sex/age Notes on habitat and activity Surveyor | | | | | | | | | | | |
| GP001 | | | | | | | | | | | | |

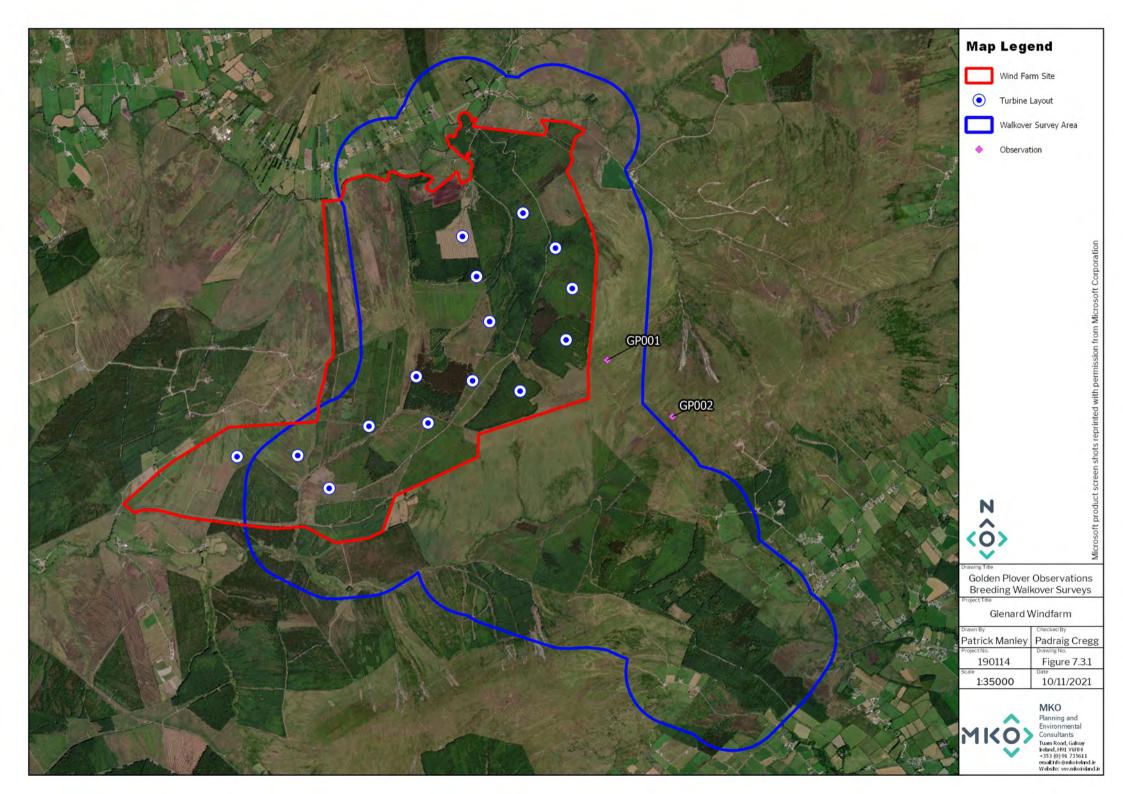
| | Wildfowl Distribution Surveys | | | | | | | | | | | | |
|------------|--|--|---------------|-----|--|----------------------------|--|----|--|--|--|--|--|
| Date | Date Location Location Code Species No. of birds Activity Code Habitat Activity Surveyor | | | | | | | | | | | | |
| 30/11/2016 | Lough Foyle | | Golden Plover | 135 | | MW2, (Sea inlets and bays) | | TR | | | | | |
| 05/12/2016 | Lough Foyle | | Golden Plover | 12 | | MW2, (Sea inlets and bays) | | TR | | | | | |
| 05/12/2016 | Lough Foyle | | Golden Plover | 45 | | MW2, (Sea inlets and bays) | | TR | | | | | |
| 20/12/2016 | Blanket Nook | | Golden Plover | 75 | | MW2, (Sea inlets and bays) | | TR | | | | | |



| | Wildfowl Distribution Surveys | | | | | | | | | | | | |
|------------|--|--|---------------|-----|----|----------------------------|-------------|-----|--|--|--|--|--|
| Date | Date Location Location Code Species No. of birds Activity Code Habitat Activity Surveyor | | | | | | | | | | | | |
| 10/02/2017 | Lough Foyle | | Golden Plover | 260 | W | MW4, (Estuaries) | Wading | TR | | | | | |
| 10/02/2017 | Lough Foyle | | Golden Plover | 38 | W | MW4, (Estuaries) | Wading | TR | | | | | |
| 28/02/2017 | Lough Foyle | | Golden Plover | 27 | AW | MW4, (Estuaries) | Above Water | TR | | | | | |
| 28/09/2017 | Inch Levels South Hide | | Golden Plover | 35 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD | | | | | |
| 19/02/2018 | Inch | | Golden Plover | 500 | OW | MW2, (Sea inlets and bays) | On Water | AOD | | | | | |

| Incidental Observations | | | | | | | | | | |
|-------------------------|------------------------|---------------|--------------|---|----------|--|--|--|--|--|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor | | | | | |
| 09/01/2017 | Waterfowl Survey | Golden plover | | | AR | | | | | |
| 27/01/2017 | Waterfowl Survey | Golden plover | | | AR | | | | | |
| 10/04/2018 | Breeding Raptor Survey | Golden Plover | 6 | GS4, (Wet grassland) PB2, (Upland blanket bog) fly and call, calling Fleemacrossan mill | AOD | | | | | |





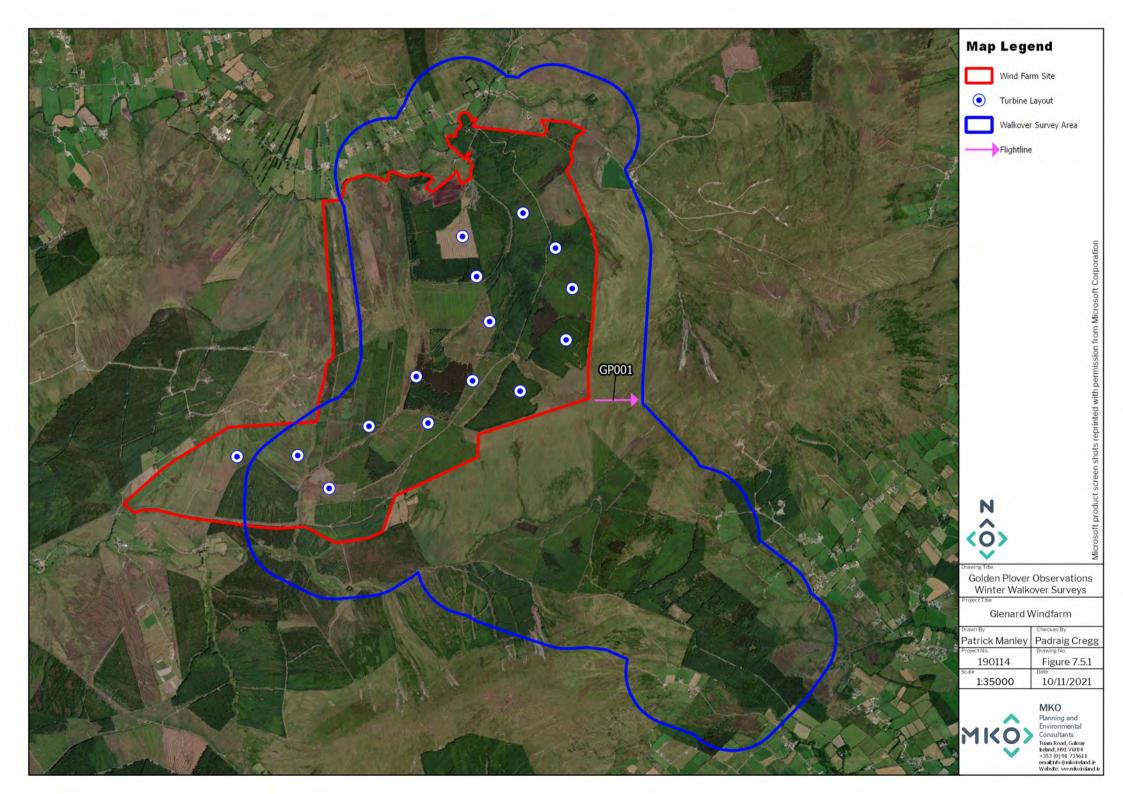




Table 3 Goshawk Survey Data

| | | | | Incidental Observations | |
|------------|-------------|---------|--------------|--|----------|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor |
| 21/11/2018 | HHVP6 | Goshawk | 1 | Male goshawk flying treetop height behind hhvp6 just off site at 15:30 | AOD |



Table 4 Hen Harrier Survey Data

| | Vantage Point Surveys | | | | | | | | | | | |
|-------------|-----------------------|------|----------------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| HH001 | 09/10/2016 | VP3 | Hen Harrier | 1 | 08:35:00 | 85 | 16 | 69 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) HH3, (Wet heath) Hunting, Travelling through site. | Emerged over glen before ascending due to surveyor being present. Female ringtail. | AR |
| HH002 | 23/10/2016 | VP4 | Hen Harrier | 1 | 10:02:00 | 21 | 17 | 4 | 0 | WD4, (Conifer plantation) HH3, (Wet heath) Male flying along woodland edge | Male observed flying along woodland edge rising into PCH briefly before going out of sight, possibly landing behind trees | AR |
| HH003 | 30/10/2016 | VP6 | Hen Harrier | 1 | 10:07:00 | 41 | 41 | 0 | 0 | WD4, (Conifer plantation) WL2, (Treelines) In flight | Male observed flying along forest edge dropping below treeline occasionally | AR |
| HH004 | 06/11/2016 | VP3 | Hen Harrier | 1 | 16:15:00 | 40 | 35 | 5 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | 1 adult male observed hunting low to ground. Going out of sight over brow of hill. | AR |
| HH005 | 06/12/2016 | VP3 | Hen Harrier | 1 | 11:30:00 | 72 | 45 | 27 | 0 | PB2, (Upland blanket bog) WS5, (Recently felled woodland) In flight, hunting | Female hunting over glen flying within PCH over clear-fell. | AR |
| HH006 | 06/12/2016 | VP3 | Hen Harrier | 1 | 12:00:00 | 32 | 32 | 0 | 0 | PB2, (Upland blanket bog) HH3, (Wet heath) In flight over glen | Female in flight low over vegetation at the bottom of glen. Possibly same female as 11:30 record. | AR |
| HH007 | 13/12/2016 | VP4 | Hen Harrier | 1 | 09:31:00 | 61 | 42 | 19 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Male observed hunting, flying over forestry then flying low to the ground out of sight | AR |
| HH008 | 17/01/2017 | VP5a | Hen Harrier | 1 | 15:31:00 | 110 | 40 | 70 | 0 | PB2, (Upland blanket bog) HH3, (Wet heath) Hunting | Adult male observed hunting offsite over heathland. Flying rapidly and low to the ground. | AR |
| HH0024 | 05/03/2017 | VP5 | Hen Harrier | 1 | 14:46:00 | 82 | 0 | 82 | 0 | HH3, (Wet heath) WD4, (Conifer plantation) In flight | Adult male observed in flight within PCH along treeline. Flew | AR |



| | | | | | | | Var | ıtage Po | int Surve | ys | | |
|-------------|------------|------|----------------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| | | | | | | | | | | | below view line to the east of the site. | |
| HH0025 | 19/03/2017 | VP2 | Hen Harrier | 1 | 15:36:00 | 51 | 0 | 51 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) In flight | Female observed flying NW over site within PCH. | AR |
| HH009 | 16/07/2017 | VP1a | Hen Harrier | 1 | 16:34:00 | 111 | | 111 | | WD4, (Conifer plantation) Male, Hunting | | PM |
| HH0010 | 05/08/2017 | VP6 | Hen Harrier | 1 | 11:05:00 | 105 | 105 | 0 | 0 | PB2, (Upland blanket bog) Hunting | Adult female observed in flight hunting low to the ground. Flying west being chased off by 6 HC. | AR |
| HH0011 | 29/10/2017 | VP1a | Hen Harrier | 1 | 11:14:00 | 113 | 70 | 43 | 0 | PB2, (Upland blanket bog) Hunting | Adult female hunting low to the ground. Flying west offsite towards Meenyanly. | AR |
| HH0012 | 11/11/2017 | VP4 | Hen Harrier | 1 | 13:18:00 | 144 | 0 | 144 | 0 | WD4, (Conifer plantation) In flight | Adult male flying west over forestry in PCH. Flew behind treeline | AR |
| HH0013 | 03/03/2018 | VP6 | Hen Harrier | 1 | 14:02:00 | 104 | 104 | 0 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Adult male emerged from treeline. Flew low over forestry and out of sight. | AR |
| HH0014 | 20/03/2018 | VP4 | Hen Harrier | 1 | 15:20:00 | 49 | 49 | 0 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Circled over plantation up to 15m then hunted over bog at 1-2m | Adult Male | RW |
| HH0015 | 07/05/2018 | VP4 | Hen Harrier | 1 | 20:13:00 | 45 | 45 | | | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) Foraging high over habitat terrain | | ND |
| HH0016 | 07/05/2018 | VP4 | Hen Harrier | 1 | 20:48:00 | 5 | 5 | | | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) Hunting | | ND |



| | Vantage Point Surveys | | | | | | | | | | | |
|-------------|-----------------------|------|----------------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| HH0017 | 07/05/2018 | VP4 | Hen Harrier | 1 | 21:00:00 | 2 | 2 | Í | | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) Hunting | | ND |
| HH0018 | 16/08/2018 | VP1a | Hen Harrier | 1 | 18:00:00 | 180 | 180 | | | PB2, (Upland blanket bog) GS4, (Wet grassland) Hunting low | | AOD |
| HH0019 | 30/08/2018 | VP6 | Hen Harrier | 1 | 12:10:00 | 280 | 100 | | | PB2, (Upland blanket bog) Hunting mp flock between sites | | AOD |
| HH0020 | 20/09/2018 | VP4 | Hen Harrier | 1 | 09:12:00 | 140 | 140 | | | PB2, (Upland blanket bog) GS4, (Wet grassland) Hunting along site boundary | Hunting along site boundary | AOD |
| HH0021 | 26/09/2018 | VP6 | Hen Harrier | 1 | 08:21:00 | 20 | 20 | | | PB2, (Upland blanket bog) GS4, (Wet grassland) Hunting, flew up from possible new roost | Hunting, flew up from possible new roost | AOD |
| HH0022 | 26/09/2018 | VP6 | Hen Harrier | 1 | 09:21:00 | 45 | | | | PB2, (Upland blanket bog) GS4, (Wet grassland) Hunting near same possible roost | Hunting near same possible roost | AOD |
| HH0023 | 26/09/2018 | VP6 | Hen Harrier | 1 | 09:35:00 | 300 | 260 | 40 | | PB2, (Upland blanket bog) GS4, (Wet grassland) WD4, (Conifer plantation) Hunting then perched then continued crisscrossing open area between sites | Hunting then perched then continued criss-crossing open area between sites | AOD |
| HH0026 | 20/10/2018 | VP6 | Hen Harrier | 1 | 15:44:00 | 191 | 191 | 0 | 0 | GS4, (Wet grassland) PB2, (Upland blanket bog) Hunting | Female in flight/ Hunting low to the ground over glen. Towards Meenyanly. | AR |
| HH0027 | 29/11/2018 | VP4 | Hen Harrier | 1 | 11:41:00 | 32 | 32 | | | PB2, (Upland blanket bog) GS4, (Wet grassland) Adult female hunting near top of Crocknacraddy | · | AOD |



| | Vantage Point Surveys | | | | | | | | | | | |
|-------------|-----------------------|-----|----------------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|--------------|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| HH0028 | 20/12/2018 | VP2 | Hen Harrier | 1 | 13:06:00 | 20 | 20 | | | WD4, (Conifer plantation) Female flying over treetops foraging | | AOD |
| HH0029 | 09/01/2019 | VP5 | Hen Harrier | 1 | 12:36:00 | 95 | 95 | | | GS4, (Wet grassland) PB2, (Upland blanket bog) Adult male foraging from site heading east. flushed 3GP | | AOD |
| HH0030 | 09/01/2019 | VP5 | Hen Harrier | 1 | 13:08:00 | 15 | 15 | | | GS4, (Wet grassland) Flying low just outside 500m boundary, foraging | | AOD |
| HH0031 | 09/01/2019 | VP5 | Hen Harrier | 1 | 14:43:00 | 20 | 20 | | | GS4, (Wet grassland) Likely same bird foraging, flushed FF flock | | AOD |
| HH0032 | 15/01/2019 | VP2 | Hen Harrier | 1 | 13:34:00 | 190 | 140 | 50 | | WD4, (Conifer plantation) Adult male travelling high above forestry dropping at times foraging between WD4 | | AOD |
| HH0033 | 11/03/2019 | VP5 | Hen Harrier | 1 | 15:37:00 | 480 | 430 | 30 | | WD4, (Conifer plantation) Male flying over site foraging being blown by strong wind mainly over wd4. no breeding behaviour | Adult male | AOD |
| HH0034 | 12/03/2019 | VP2 | Hen Harrier | 1 | 09:26:00 | 15 | 15 | | | WD4, (Conifer plantation) Adult female foraging in open area between WD4. no breeding behaviour | Adult female | AOD |
| HH0035 | 18/04/2019 | VP4 | Hen Harrier | 1 | 09:06:00 | 2 | 2 | | | PB2, (Upland blanket bog) ringtail | | ЈВ |
| HH0036 | 18/04/2019 | VP6 | Hen Harrier | 1 | 12:10:00 | 17 | 17 | | | PB2, (Upland blanket bog) Female / ringtail hunting | | ЈВ |



| | | | | | | | Var | ıtage Po | int Surve | ys | | |
|-------------|------------|------|----------------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| HH0037 | 18/04/2019 | VP6 | Hen Harrier | 1 | 12:17:00 | 10 | 10 | | | PB2, (Upland blanket bog) Female / ringtail hunting | | ЈВ |
| HH0038 | 05/05/2019 | VP3a | Hen Harrier | 1 | 07:56:00 | 57 | 57 | | | PB2, (Upland blanket bog) PF2, (Poor fen and flush) HH3, (Wet heath) Flew past VP3a passing within 50m, flying low over vegetation, foraging flight, from NE to SW, out of view as bird flew down slope. | Ring-tail. Appeared small and lithe, so possibly imm. male | ND |
| HH0039 | 13/05/2019 | VP1a | Hen Harrier | 1 | 08:08:00 | 150 | 150 | | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) FORAGING flight low over imm. conifer plantation in valley, though direct and quite fast. | immature ring-tail or female | ND |
| HH0040 | 26/06/2019 | VP3a | Hen Harrier | 1 | 11:21:00 | 280 | 20 | 230 | 30 | | ringtail or female. Low at first circling over young forestry plantation and heather, over behind line of tall conifers. Circled high to about >200m then made long straight direct descent glide becoming fast as bird travelled off trajectory 20m over ground | ND |
| HH0041 | 11/09/2019 | VP6 | Hen Harrier | 1 | 09:30:00 | 500 | 500 | | | GS4, (Wet grassland) Mobbed | Ringtail | JK |



| | | | | | | Vantage | Point Su | ırvey 202 | 1 | | | |
|----------|-----|------------|-------|-------------|--------|------------------------|----------------|--------------------|-------------------|----------------|--|----------|
| Map Ref. | VP | Date | Time | Species | Number | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and activity | Surveyor |
| HH042 | VP6 | 20/01/2021 | 09:11 | Hen Harrier | 1 | 463 | 432 | 31 | , | | raised bog; foraging through Meenyanly in w direction, male | DM |
| HH043 | VP5 | 22/01/2021 | 09:27 | Hen Harrier | 1 | 183 | 173 | 10 | | | immature woodland and raised bog; sub adult male. First observed flying over re stock in Glenard. flew in s direction @ circa 5 metres in the direction of Meenyanly, male | DM |
| HH044 | VP3 | 24/01/2021 | 11:14 | Hen Harrier | 1 | 51 | 51 | | | | raised bog; travelling in NE direction, male | DM |
| HH045 | VP1 | 25/01/2021 | 13:46 | Hen Harrier | 1 | 369 | 345 | 24 | | | raised bog and conifer plantation; foraging adult. flew north over Glenard forestry., male | DM |
| HH046 | VP7 | 03/02/2021 | 11:49 | Hen Harrier | 1 | 96 | 32 | 10 | 54 | | raised bog and conifer plantation; travelling in se direction over conifer plantation towards Meenyanly, male | DM |
| HH047 | VP1 | 08/02/2021 | 10:43 | Hen Harrier | 1 | 216 | 201 | 15 | | | raised bog and conifer plantation; foraging before flying in a n direction over Glenard, male | DM |
| HH048 | VP3 | 11/02/2021 | 10:23 | Hen Harrier | 1 | 563 | 553 | 10 | | | raised bog and conifer plantation; foraging through Meenyanly. male | DM |
| HH049 | VP5 | 18/02/2021 | 10:03 | Hen Harrier | 1 | 469 | 496 | | | | raised bog; foraging in a SW direction towards Meeenyanly, male | DM |
| HH050 | VP6 | 25/02/2021 | 11:13 | Hen Harrier | 1 | 526 | 526 | | | | raised bog and conifer plantation; foraging through Meenyanly, male | DM |
| HH051 | VP5 | 04/03/2021 | 11:01 | Hen Harrier | 1 | 547 | 547 | | | | raised bog; adult - foraging. moved over Feemuck in SE direction towards Glackmore, male | DM |
| HH052 | VP6 | 08/03/2021 | 11:36 | Hen Harrier | 1 | 560 | 560 | | | | raised bog; foraging through Meenyanly, male | DM |
| HH053 | VP3 | 09/03/2021 | 14:48 | Hen Harrier | 1 | 26 | | | | | raised bog; adult - foraging, male | DM |
| HH054 | VP7 | 07/06/2021 | 10:10 | Hen Harrier | 1 | 90 | 5 | 15 | 35 | 35 | conifer plantation and bogs; soaring, male, lost sight as it went east and low | PW |



| | Vantage Point Survey 2021 | | | | | | | | | | | |
|----------|---------------------------|------------|-------|-------------|--------|---------------------------|----------------|--------------------|-------------------|-------------------|---|----------|
| Map Ref. | VP | Date | Time | Species | Number | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and activity | Surveyor |
| HH055 | VP4 | 08/06/2021 | 10:21 | Hen Harrier | 1 | 31 | 31 | 0 | 0 | 0 | bogs; foraging, ad male | DM |
| HH056 | VP5 | 23/08/2021 | 08:43 | Hen Harrier | 1 | 74 | 74 | 0 | 0 | 0 | bogs; foraging, adult female hunting intermittently whilst travelling in a northerly direction | DM |
| HH057 | VP2 | 21/09/2021 | 18:05 | Hen Harrier | 1 | 60 | 60 | 0 | 0 | 0 | bogs; hunting, went to ground for few seconds. male | MM |
| HH058 | VP2 | 21/09/2021 | 18:20 | Hen Harrier | 1 | 50 | 50 | 0 | 0 | 0 | bogs; flying low, male | MM |
| HH059 | VP2 | 21/09/2021 | 18:25 | Hen Harrier | 1 | 300 | 270 | 30 | 0 | 0 | bogs and conifer plantation; hunting and dived down onto the thicket trees twice, male | MM |
| HH060 | VP2 | 21/09/2021 | 19:30 | Hen Harrier | 1 | 420 | 60 | 360 | 0 | 0 | conifer plantation and bogs; flew high over forest, then went low over moorland. appeared to go down to roost, male sub ad | MM |
| HH061 | VP5 | 22/09/2021 | 14:16 | Hen Harrier | 1 | 41 | 41 | 0 | 0 | 0 | bogs and conifer plantation; travelling, ad male travelling in WNW direction over Glenard | DM |

| Breeding Walkover Surveys | | | | | | | | | | | |
|---------------------------|---|----------|----------------|---|---|--|-----|--|--|--|--|
| Map Ref. No. | Survey Time of Species No. of Habitat and Activity Comments Surveyor Date observation birds | | | | | | | | | | |
| HH001 | 19/05/2018 | 18:31:00 | Hen Harrier | 1 | Female. Lifts from brash in clear-fell, lands on tree, perches for 6s, lifts and flies into conifers. | | JOS | | | | |



| | | | | | Breeding Raptor Surveys | | |
|-----------------|----------------|---------------------|----------------|-----------------|---|---|----------|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| HH001 | 18/05/2018 | 13:33:00 | Hen Harrier | 1 | PB, (Bogs) In flight | Ringtail. Flies east. | JOS |
| HH002 | 18/05/2018 | 17:24:00 | Hen Harrier | 1 | WD4, (Conifer plantation) In flight. | Male. | JOS |
| HH003 | 18/05/2018 | 17:11:00 | Hen Harrier | 1 | PB, (Bogs) WD4, (Conifer plantation) Alarm call. | Alarm calls only; no visual. Individual travelling west to east alarm calling near Meenyanly and Crockglass Hill. | JOS |
| HH004 | 25/04/2019 | 10:15:00 | Hen Harrier | 1 | HH3, (Wet heath) PB2, (Upland blanket bog) GS4, (Wet grassland) RT HH, observed flying from NE to SW, foraging over heath and bog above shore of reservoir (Lough Turk) and on Illies Hill. Lost visual as bird flew downslope, but spotted again (next data entry) shortly after, returning to NE. | Adult Female/Ringtail | ЈВ |
| HH005 | 25/04/2019 | 10:40:00 | Hen Harrier | 1 | GS4, (Wet grassland) FS2, (Tall-herb swamps) HH3, (Wet heath) RT spotted again foraging over tall herb veg above lake shore (L Turk) | Adult Female/Ringtail | JB |
| HH006 | 01/05/2019 | 07:47:00 | Hen Harrier | 1 | WD4, (Conifer plantation) Male HH flew west, perched in young conifers of restock for 8 mins, then flew on westward. Lost visual. | Adult Male | ЈВ |
| HH007 | 07/06/2019 | 09:06:00 | Hen harrier | 1 | Ring-tail (female or 1mm male) spotted rising from stream (Pollandoo burn) valley to the south, Meenyanly (c4230), circled broadly and ascending slowly flew south over forestry crossing Owenkillew River and south over back burn valley about 20m high-out of view | | ND |
| HH008 | 07/06/2019 | 09:40:00 | Hen harrier | 1 | ringtail (female) spotted again distant. Brief and a little obstructed. Flew low over willow scrub an forest edge low 10m over ground along Owenkillew River valley. 9 secs bird descended into canopy this obstructed view | | ND |
| HH009 | 09/06/2021 | 13:55 | Hen Harrier | 1 | bogs, travelling over moorland | | MM |



| | | | | | | Hen Harrier Roost Surveys | | |
|----------------|------------|--------|----------------|-----------------|-------------------|---|--|----------|
| Map Ref No. | Date | HHVP | Species | No. of Birds | Time of flight | Notes on habitat and activity | Comments | Surveyor |
| HH001 | 19/10/2016 | | Hen Harrier | 1 | 18:49:00 | 1 ringtail (juvenile male) recorded. Observed from the east moving northward at 18:49. Poor visibility at 500m, however possibly landed amongst rank vegetation and heath at C4250 3245. Roost site. | | AR |
| HH002 | 28/10/2016 | | Hen Harrier | 1 | 18:25:00 | 1 female observed west of site outside boundary. Flying south at 18:25. Flew out of sight behind coniferous plantation. | | AR |
| HH003 | 23/11/2016 | | Hen Harrier | 1 | 16:51:00 | In flight low over vegetation. PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) | One adult male observed. Emerged over woodland, flying low over vegetation towards glen at 16:51. Flying out of view over treeline southwest of site boundary | AR |
| HH004 | 28/11/2016 | | Hen Harrier | 1 | 15:29:00 | In flight over site boundary edge. PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) | 1 female observed at 15:29. Emerged from forest edge flying low before returning into PCH. Flying SW for 45 seconds (25 seconds offsite). | AR |
| HH005 | 08/12/2016 | | Hen Harrier | 1 | 16:08:00 | In flight. PB2, (Upland blanket bog) WD4, (Conifer plantation) | Female observed hunting in flight at 16:08. Flying within PCH for 15 seconds before descending low to the ground and travelling offsite down the glen south west of site. 25 seconds onsite, 40 seconds offsite. | AR |
| HH006 | 19/12/2016 | | Hen Harrier | 1 | 15:15:00 | In flight. PB2, (Upland blanket bog) HH3, (Wet heath) | 1 female recorded passing over VP at 15:15, flying across Sorne Hill windfarm before going over brow of hill. Approximately 61 seconds below PCH | AR |
| HH008 | 15/01/2017 | Area 4 | Hen Harrier | 1 | 15:30:00 | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) Hunting | One adult female observed hunting offsite at 15:30. Flying for 112seconds low over heathland and rising into PCH for a time. Arriving from the west and flying back in that direction until out of sight. | AR |
| HH0010 | 17/02/2017 | Area 2 | Hen Harrier | 1 | 16:45:00 | WD4, (Conifer plantation) PB2, (Upland blanket bog) In flight | 1 male observed from a distance in flight for 21 seconds. Flying along plantation edge below PCH and SW of site. Continuing in flight out of sight. | AR |
| HH0011 | 28/02/2017 | Area 4 | Hen Harrier | 1 | 17:01:00 | PB2, (Upland blanket bog) HH3, (Wet heath) In flight | 1 female (adult) observed in flight NW of site at 17:01. Could be seen for 37 seconds. Flying low | AR |

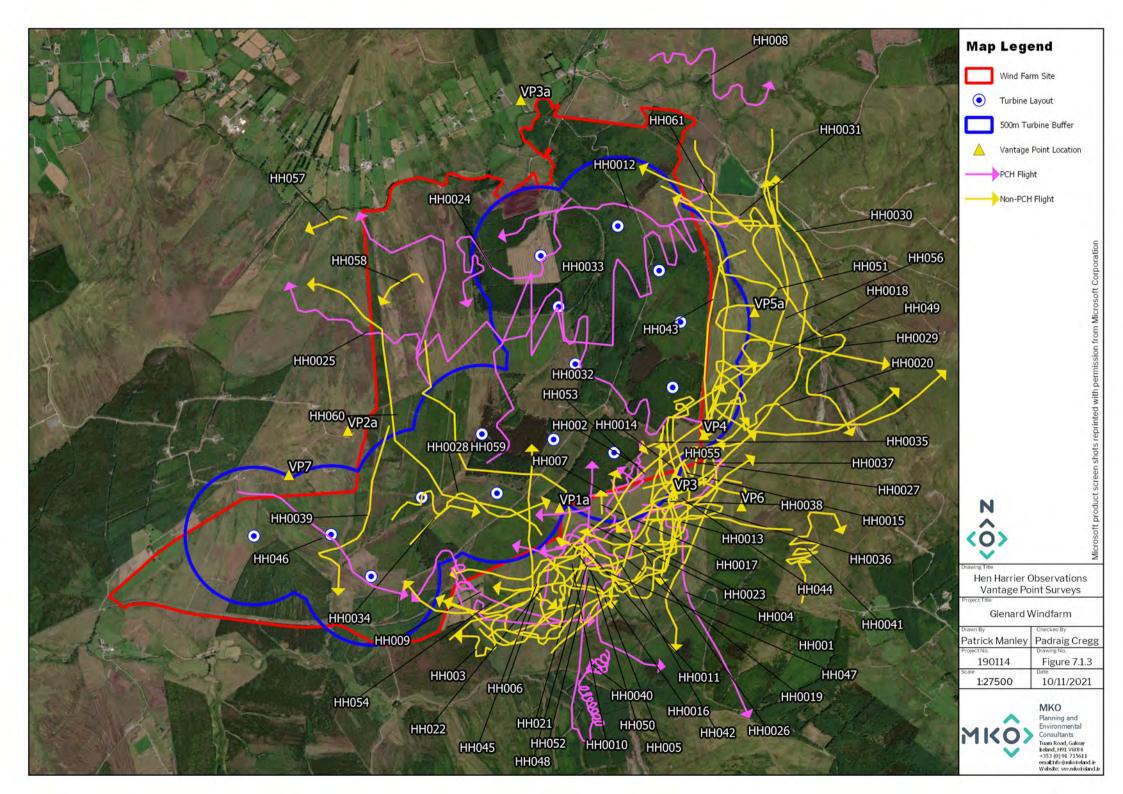


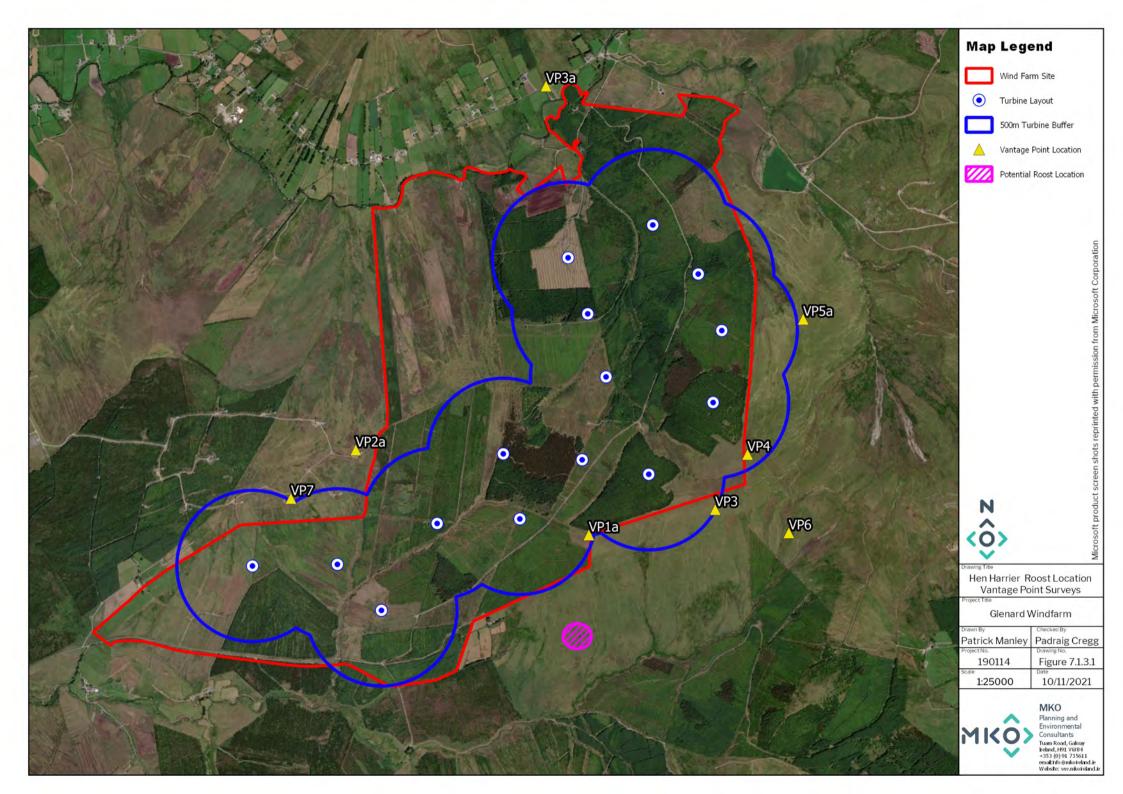
| | | | | | | Hen Harrier Roost Surveys | | |
|----------------|------------|--------|----------------|-----------------|-------------------|--|---|----------|
| Map Ref No. | Date | HHVP | Species | No. of Birds | Time of flight | Notes on habitat and activity | Comments | Surveyor |
| | | | | | | | below PCH. Arriving from north east. Flew over immature woodland and out of sight to the west. | |
| HH0012 | 24/03/2017 | Area 4 | Hen Harrier | 1 | 18:12:00 | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) In flight | 1 adult male observed at 18:12. Flying SW low to the ground, entering PCH for 10 seconds. Total flight time observed 79 seconds before flying behind treeline. | AR |
| HH0014 | 24/11/2017 | Area 2 | Hen Harrier | 1 | 16:01:00 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Flew over glen below PCH; Rising into PCH for a time. Flying SW for 211 seconds at 16:01. Flying over PB2 majority of time off site. | Adult Male | AR |
| HH0015 | 29/12/2017 | Area 1 | Hen Harrier | 1 | 15:10:00 | 1 male observed in flight over survey area at 15:10. Flying low over HH3. Arrived from NE. Didn't land, stayed circling for 233 seconds. | Adult Male | AR |
| HH0017 | 04/03/2018 | Area 3 | Hen Harrier | 1 | 17:10:00 | Adult male HH observed in flight emerging over treeline flying east to west offsite and out of sight behind Sorne Hill. Total flight time 57 seconds below PCH. Time 17:20. | Adult Male | AR |
| HH0018 | 29/10/2018 | 4 | Hen Harrier | 1 | 16:32:00 | WD4, (Conifer plantation) HH3, (Wet heath) GS4, (Wet grassland) In flight low to the ground | Adult Male in flight. Flying west low to the ground within site. Flew out off site behind Sorne Hill. | AR |
| HH0019 | 13/02/2019 | HHVP1 | Hen Harrier | 1 | 16:01:00 | PB2, (Upland blanket bog) HH4, (Montane heath) GS4, (Wet grassland) Adult female flew across viewshed foraging. East to West off site (45s Band 1). Not seen coming to Roost. | | AOD |
| HH0020 | 21/03/2019 | HHVP3 | Hen Harrier | 1 | 17:41:00 | HH4, (Montane heath) Hunting/Foraging on site. Adult male flying through the area. No roosting observed (Band 1-2) | | AOD |
| HH022 | 27/01/2021 | HHVP2 | Hen Harrier | 1 | 16:40 | raised bog and conifer plantation, adult, flying northwards into the site footprint, adult male | | MM |

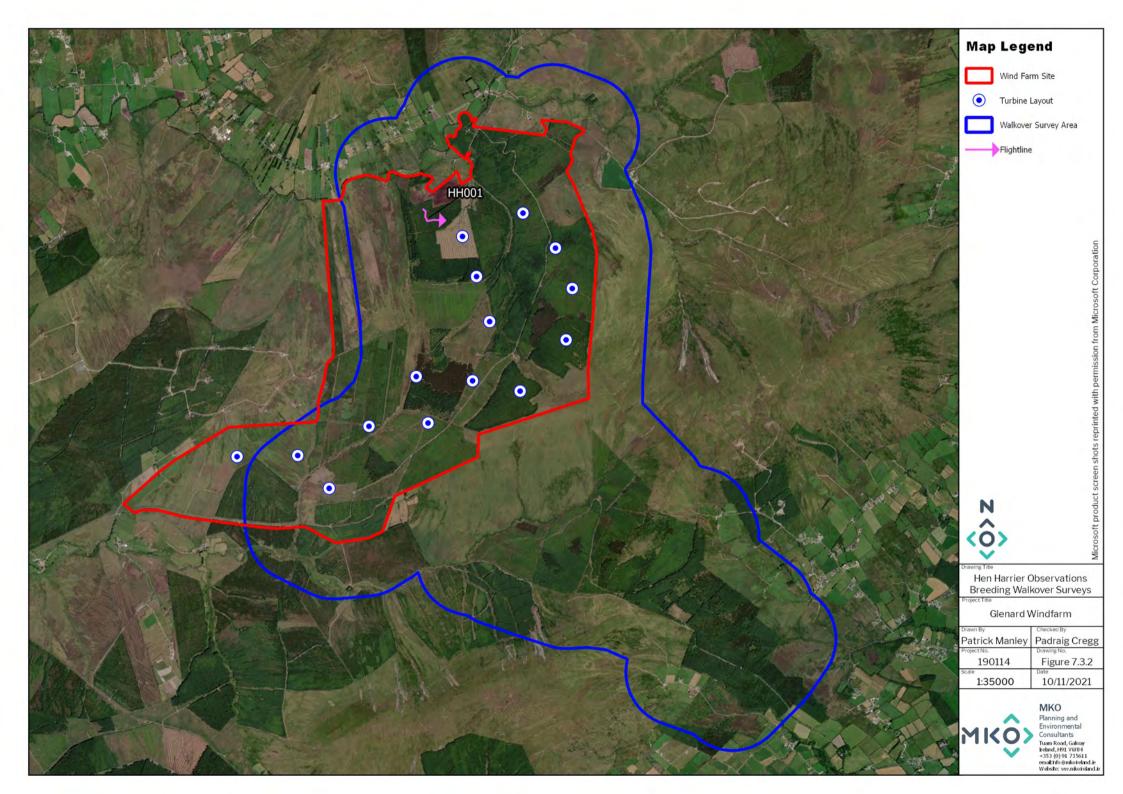


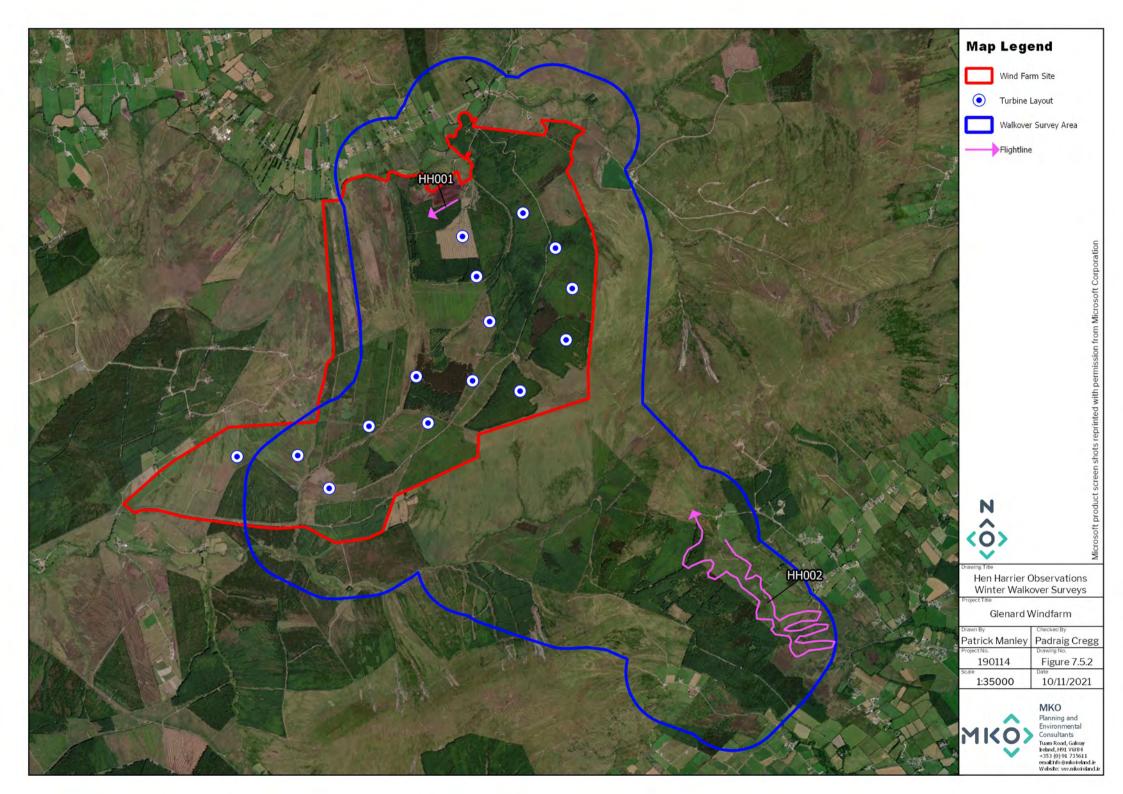
| | Winter Walkover Surveys | | | | | | | | | | | |
|-------|-------------------------|----------|---------|--------|---------|--|----------|--|--|--|--|--|
| Map | Date | Time | Species | No. of | Sex/age | Habitat and Activity | Surveyor | | | | | |
| Ref. | | | | birds | | | | | | | | |
| HH001 | 02/03/2018 | 10:03:00 | Hen | 1 | | PB2, (Upland blanket bog) in flight, Hunting | AR | | | | | |
| | | | Harrier | | | | | | | | | |
| HH002 | 05/12/2018 | 11:28:00 | Hen | 1 | Adult | Flying down from hill onto open area hunting there (Band 1), then flew back up hill along site | AOD | | | | | |
| | | | Harrier | | Female | boundary at Ture. 260s observation at Band 2 | | | | | | |

| | Incidental Observations | | | | | | | | | | |
|------------|-------------------------|---------|-----------------|--|----------|--|--|--|--|--|--|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor | | | | | | |
| 04/01/2019 | Waterfowl survey at | Hen | 1 | Foraging female seen in transit between waterbodies. Observed for 420s band1/2 south of Sorne Hill perched | AOD | | | | | | |
| | Sorne Hill | Harrier | | on post for 120s then flew off towards site | | | | | | | |









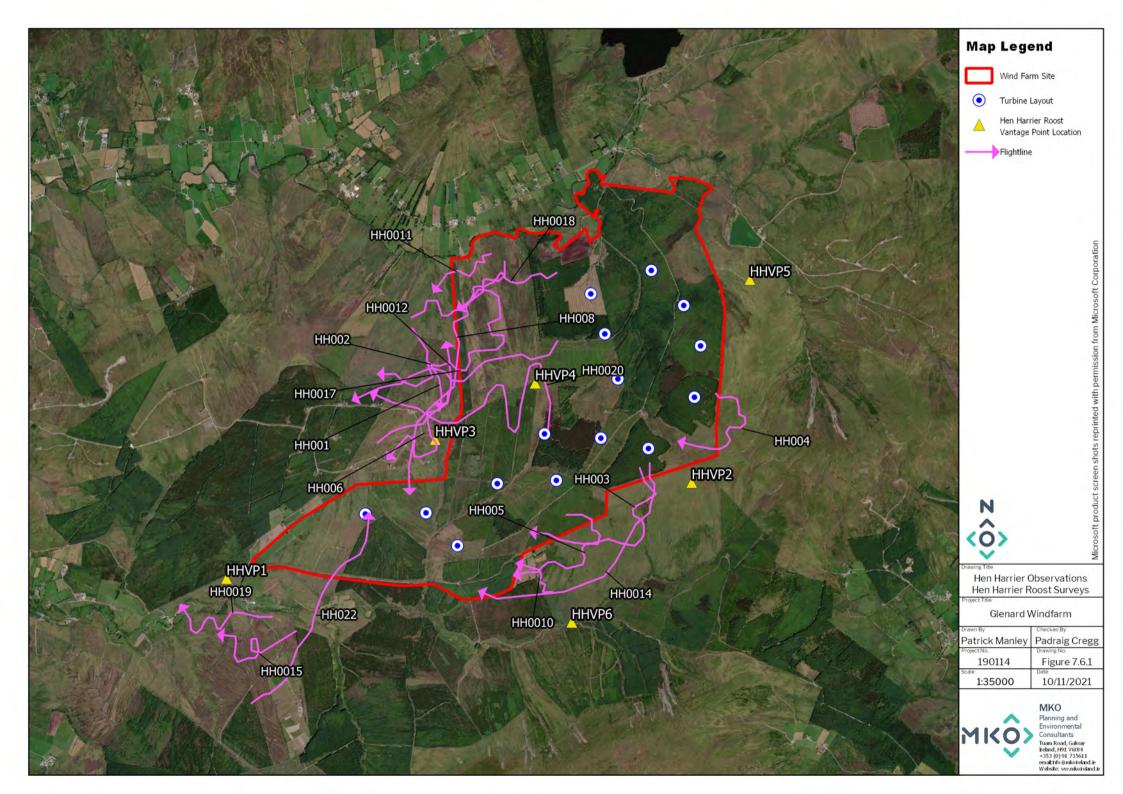




Table 5 Merlin Survey Data

| | Vantage Point Surveys | | | | | | | | | | | |
|-------------|-----------------------|-----|---------|-----------------|-------------------|---------------------------|-------------------|-------------------------|--------------------------|---|-----------------|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0-25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| ML001 | 30/11/2018 | VP6 | Merlin | 1 | 12:00:00 | 40 | 40 | | | GS4, (Wet grassland) Hunting bird landed on ground then flew off north | | AOD |
| ML002 | 15/02/2019 | VP1 | Merlin | 1 | 14:03:00 | 45 | 15 | 30 | | WD4, (Conifer plantation) HH4, (Montane heath) Flew over site wd4 at height dropping to ground level towards Sorne hill | Adult female | AOD |
| ML003 | 28/03/2019 | VP6 | Merlin | 1 | 07:09:00 | 8 | 8 | | | WD4, (Conifer plantation) GS4, (Wet grassland) Hunting flock of MP | Adult female | AOD |
| ML004 | 18/04/2019 | VP6 | Merlin | 1 | 12:29:00 | 135 | 30 | 105 | | PB2, (Upland blanket bog) female hunting, travelling | | JB |
| ML005 | 18/04/2019 | VP6 | Merlin | 1 | 13:30:00 | 13 | 13 | | | PB2, (Upland blanket bog) male hunting, travelling | | ЈВ |
| ML006 | 14/08/2019 | VP6 | Merlin | 1 | 20:03:00 | 90 | 90 | | | WD4, (Conifer plantation) Hunting Mistle Thrush | | JK |

| | Vantage Point Survey 2021 | | | | | | | | | | | | |
|----------|---------------------------|------------|-------|---------|--------|------------------------|-------------------|--------------------|-------------------|-------------------|--|----------|--|
| Map Ref. | VP | Date | Time | Species | Number | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and activity | Surveyor | |
| ML007 | VP3 | 24/01/2021 | 14:23 | Merlin | 1 | 29 | 29 | | | | raised bog and conifer plantation; adult flying low into forestry, male | DM | |
| ML008 | VP6 | 25/02/2021 | 13:49 | Merlin | 1 | 31 | 31 | | | | conifer plantation and raised bog; travelling in se direction, male | DM | |
| ML009 | VP7 | 01/03/2021 | 13:51 | Merlin | 1 | 261 | 261 | | | | raised bog; adult flew low (circa 5m) past VP and landed on fence post for 219 seconds, male | DM | |
| ML010 | VP1 | 06/03/2021 | 14:16 | Merlin | 1 | 37 | 37 | | | | raised bog; adult - flying low and fast in SW direction, male | DM | |
| ML011 | VP7 | 16/05/2021 | 11:14 | Merlin | 1 | 20 | 20 | 0 | 0 | 0 | conifer plantation and bogs; low, fast, direct flight, female | PW | |



| | Vantage Point Survey 2021 | | | | | | | | | | | | |
|----------|---------------------------|------------|-------|---------|--------|---------------------------|-------------------|--------------------|-------------------|-------------------|--|----------|--|
| Map Ref. | VP | Date | Time | Species | Number | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and activity | Surveyor | |
| ML012 | VP5 | 24/05/2021 | 07:01 | Merlin | 1 | 27 | 27 | 0 | 0 | 0 | bogs and conifer plantation; adult male | DM | |
| ML013 | VP6 | 10/06/2021 | 14:15 | Merlin | 1 | 27 | 27 | 0 | 0 | 0 | bogs and conifer plantation; flying, ad male | DM | |
| ML014 | VP6 | 14/07/2021 | 08:41 | Merlin | 1 | 17 | 17 | 0 | 0 | 0 | bogs and conifer plantation; ad male flying low and fast in south direction, ad male | DM | |

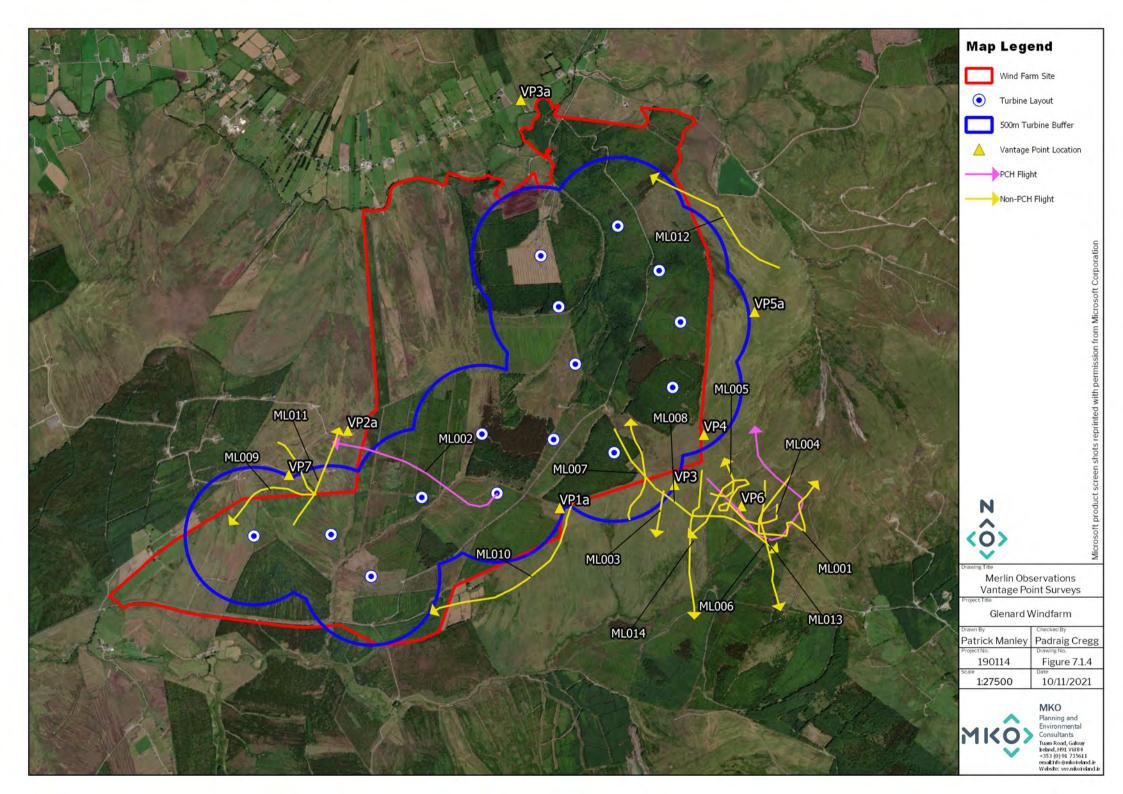
| | Breeding Raptor Surveys | | | | | | | | | | | |
|-----------------|-------------------------|---------------------|---------|-----------------|--|--|----------|--|--|--|--|--|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor | | | | | |
| ML001 | 07/05/2017 | 11:00:00 | Merlin | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR | | | | | |
| ML002 | 08/07/2017 | 10:59:00 | Merlin | 1 | HH3, (Wet heath) WD4, (Conifer plantation) Perched | Suitable nesting habitat; Possible breeder | AR | | | | | |
| ML003 | 11/04/2018 | 14:00:00 | Merlin | 1 | PB2, (Upland blanket bog) GS4, (Wet grassland) hunting male band 1/2. offsite | Male | AOD | | | | | |
| ML004 | 11/04/2018 | 17:20:00 | Merlin | 1 | PB2, (Upland blanket bog) GS4, (Wet grassland) Flying low towards reservoir. Offsite | female | AOD | | | | | |
| ML005 | 25/04/2019 | 12:15:00 | Merlin | 1 | HH3, (Wet heath) GS4, (Wet grassland) female Merlin flying, travelling from NW to SE | possibly breeding in the area | ЈВ | | | | | |
| ML006 | 21/05/2019 | 10:52:00 | Merlin | 1 | PB2, (Upland blanket bog) HH3, (Wet heath) Travelling: Female flew by from west, heading E then NE over skyline, 25m over ground level | Female merlin in breeding and foraging habitat | ND | | | | | |
| ML007 | 22/04/2021 | 08:21 | Merlin | 1 | raised bog, flying low in a SSE direction, adult male | | DM | | | | | |
| ML008 | 25/05/2021 | 08:16 | Merlin | 1 | bogs, adult male flying low and fast | | DM | | | | | |
| ML009 | 10/07/2021 | 12:25 | Merlin | 4 | bogs, 3 fledged chicks sitting on fence posts screaming for food. adult came in carrying prey, must have nested in nearby forest | | MM | | | | | |
| ML010 | 10/07/2021 | 13:20 | Merlin | 1 | improved agricultural grassland, flew low over lake and bog, looked like female | | MM | | | | | |

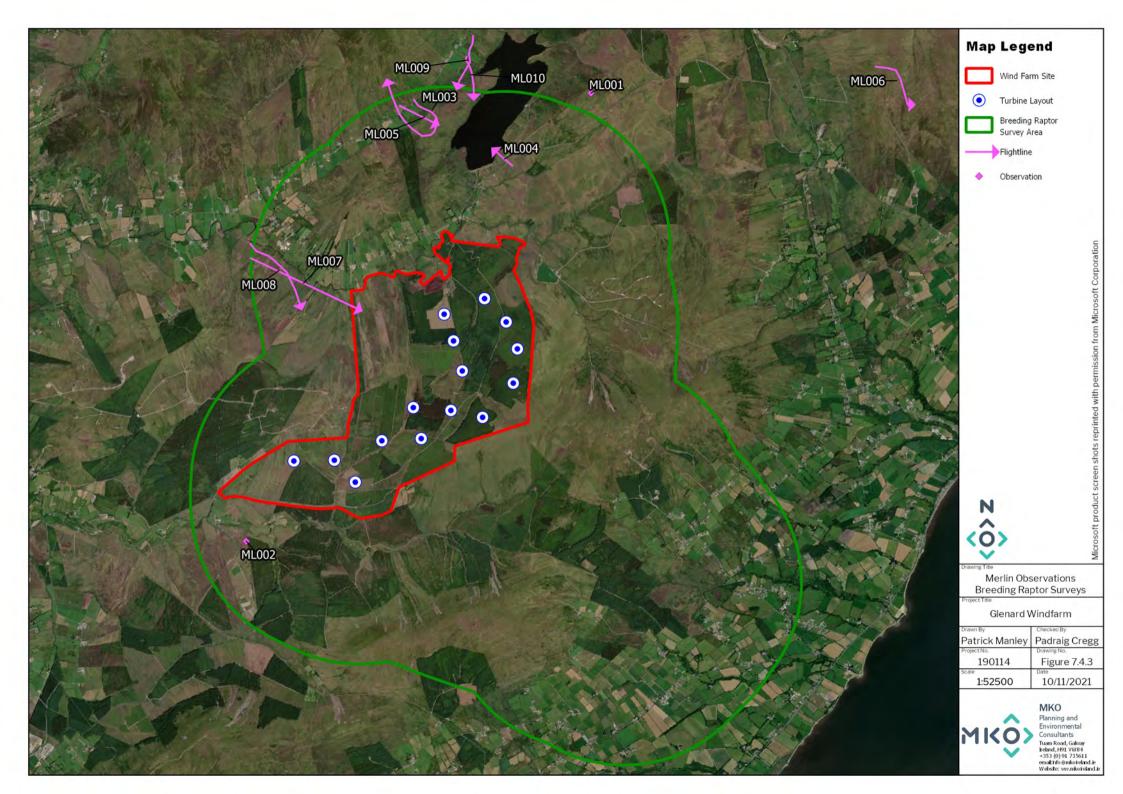


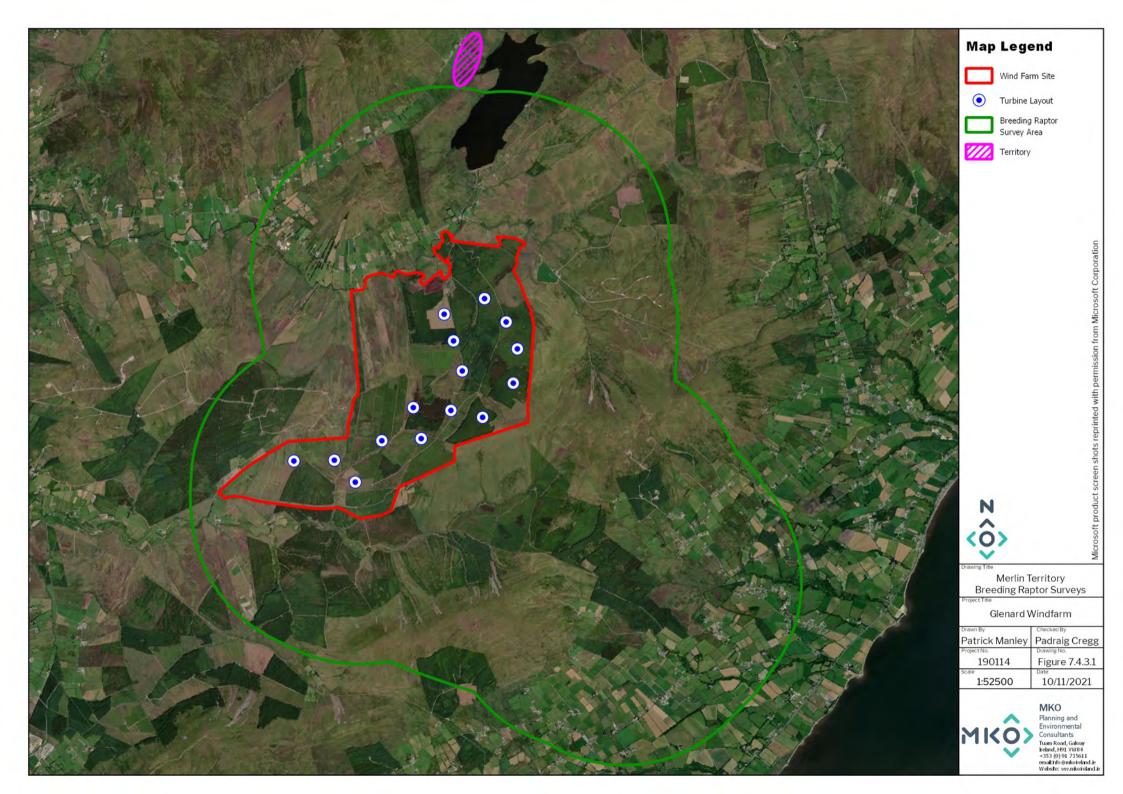
| | Winter Walkover Surveys | | | | | | | | | | |
|-------------|-------------------------|----------|---------|-----------------|-----------------|--|----------|--|--|--|--|
| Map Ref. | Date | Time | Species | No. of birds | Sex/age | Habitat and Activity | Surveyor | | | | |
| ML001 | 13/02/2019 | 14:34:00 | Merlin | 1 | Adult Female | Adult female hunting flock of CH on site. Perched twice on pole then flew off site towards Illies Hill (360S Band 1-2) | AOD | | | | |

| | Migration Vantage Point Surveys | | | | | | | | | | |
|---|---------------------------------|-----------|--------|---|---------------------------|--|----------|--|--|--|--|
| Map Ref. Date VP Species No. of birds Notes on habitat and activity Comments Survey | | | | | | | Surveyor | | | | |
| ML001 | 27/01/2017 | Migration | Merlin | 1 | WD4, (Conifer plantation) | | TR | | | | |
| | | VP | | | Hunting (Adult Male) | | | | | | |

| | Incidental Observations | | | | | | | | | | |
|------------|-------------------------|---------|-----------------|---|----------|--|--|--|--|--|--|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor | | | | | | |
| 27/01/2021 | HH Roost; | Merlin | 1 | PB1, (Raised bog) Perched on fence post preening. Brief flight over bog before returning to perch on fence. Adult | MM | | | | | | |
| | HHVP2 | | | Male | | | | | | | |







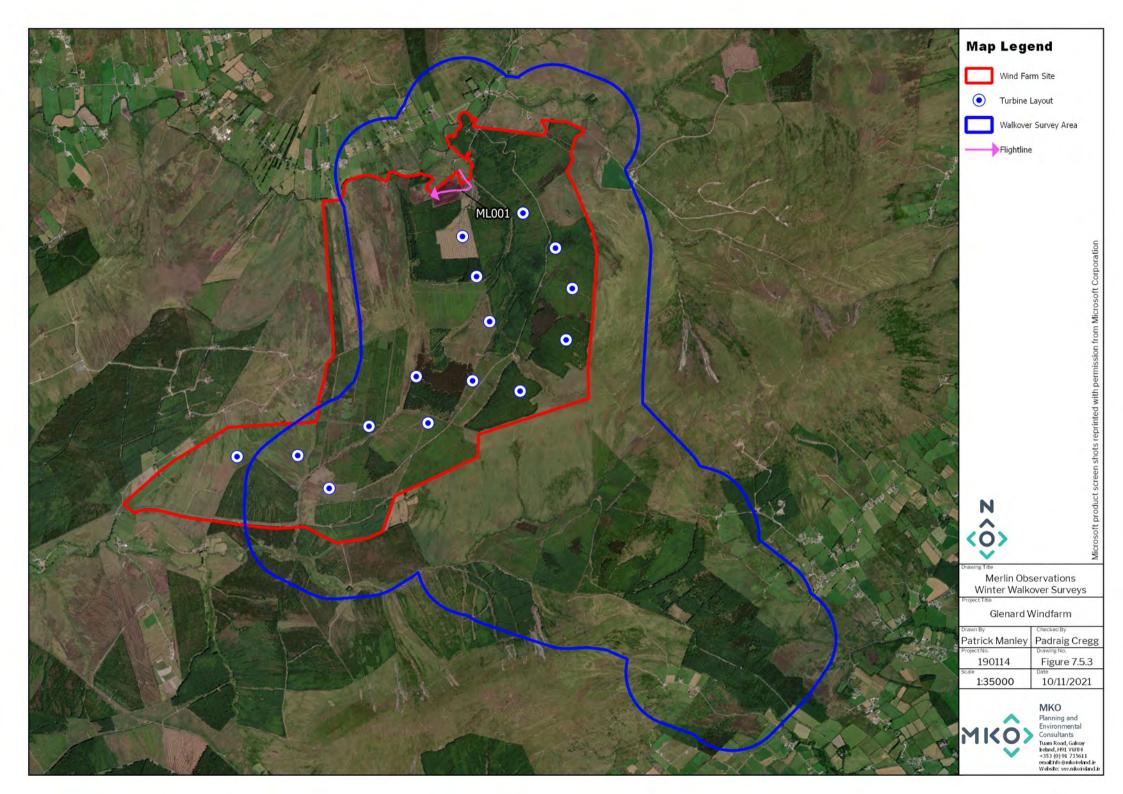






Table 6 Osprey Survey Data

| | Vantage Point Surveys | | | | | | | | | | | | | |
|-------|-----------------------|------|---------|-------|----------|-------------|---------|-----------|------------|---|----------|----------|--|--|
| Map | Date | VP | Species | | Time of | Duration of | Band 1 | Band 2 | Band 3 PCH | Notes on habitat and activity | Comments | Surveyor | | |
| Ref. | | | | Birds | flight | flight (s) | (0-25m) | (25-175m) | (175m+) | | | | | |
| OP001 | 25/07/2018 | VP1a | Osprey | 1 | 12:12:00 | 20 | 10 | 10 | | WD4, (Conifer plantation) Adult bird | | AOD | | |
| | | | | | | | | | | flying over site west to east. No rings | | | | |
| | | | | | | | | | | observed. | | | | |

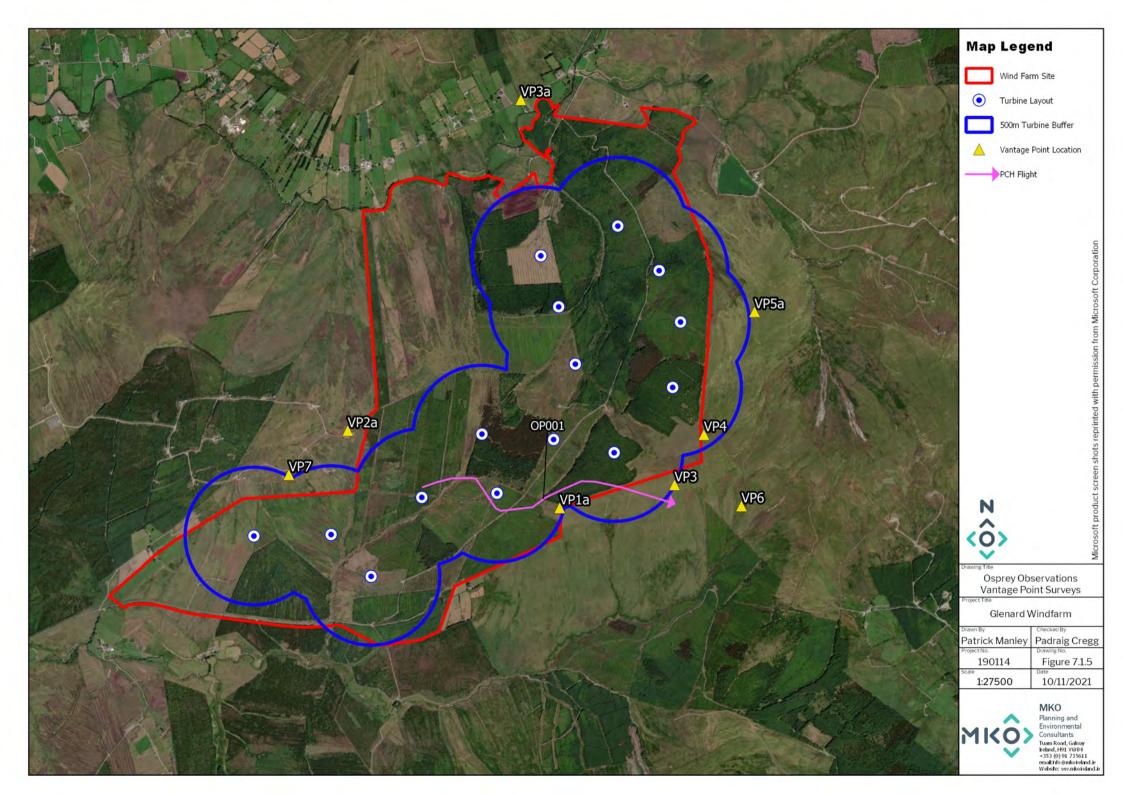




Table 7 Peregrine Falcon Survey Data

| | | | | | | V | antage F | oint Surv | eys | | | |
|-------------|------------|------|---------------------|-----------------|----------------|---------------------------|-------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0-25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| PE004 | 11/03/2017 | VP3 | Peregrine Falcon | 1 | 18:27:00 | 27 | 0 | 27 | 0 | WD4, (Conifer plantation) In flight | Flying SW over forest beside VP3. | AR |
| PE001 | 16/07/2017 | VP1a | Peregrine Falcon | 1 | 15:32:00 | 74 | 4 | 70 | | WD4, (Conifer plantation) Hunting | | PM |
| PE002 | 20/03/2018 | VP4 | Peregrine Falcon | 1 | 16:39:00 | 75 | 17 | 58 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunted at up to 5m over bog and forestry edges | Adult Male | RW |
| PE003 | 01/05/2018 | VP2a | Peregrine Falcon | 1 | 09:39:00 | 20 | 20 | | | WD4, (Conifer plantation) Male Peregrine flying direct over treetops; possibly foraging for WPs | This data allocated to April | ND |
| PE005 | 22/11/2018 | VP2 | Peregrine Falcon | 1 | 11:04:00 | 30 | 30 | | | PB2, (Upland blanket bog) HH4, (Montane heath) Travelling from Sorne Windfarm onto site | | AOD |
| PE006 | 15/08/2019 | VP6 | Peregrine Falcon | 1 | 11:15:00 | 120 | 100 | 20 | | WD4, (Conifer plantation) GS4, (Wet grassland) Hunting | | JK |
| PE007 | 15/08/2019 | VP6 | Peregrine Falcon | 1 | 12:01:00 | 30 | 30 | | | WD4, (Conifer plantation) GS4, (Wet grassland) hunting | | JK |
| PE008 | 11/09/2019 | VP6 | Peregrine Falcon | 1 | 11:05:00 | 30 | 30 | | | WD4, (Conifer plantation) Hunting | J | JK |

| | | | | | | Vantage] | Point Su | rveys 202 | 1 | | | | |
|----------|---|------------|-------|------------------|---|-----------|----------|-----------|----|---|---|----|--|
| Map Ref. | 1 flight (s) (0-10m) (10-25m) 1/5m) (>1/5m) | | | | | | | | | | | | |
| PE009 | VP5 | 18/02/2021 | 12:41 | Peregrine Falcon | 1 | 49 | | | 49 | | raised bog and conifer plantation; | DM | |
| | | | | | | | | | | | travelling in WNW direction, female | | |
| PE010 | VP6 | 10/06/2021 | 07:45 | Peregrine Falcon | 1 | 56 | 0 | 0 | 56 | 0 | bogs and conifer plantation; flying, ad | DM | |
| | | | | | | | | | | | male | | |



| | Vantage Point Surveys 2021 | | | | | | | | | | | | |
|----------|---|------------|-------|------------------|--------|------------------------|-------------------|--------------------|-------------------|-------------------|---|----------|--|
| Map Ref. | VP | Date | Time | Species | Number | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and activity | Surveyor | |
| PE011 | VP6 | 22/08/2021 | 10:46 | Peregrine Falcon | 1 | 51 | 0 | 0 | 51 | | bogs; travelling, ad female travelling in a NE direction | DM | |
| PE012 | 012 VP3 30/08/2021 12:51 Peregrine Falcon 1 | | | | | 39 | 0 | 0 | 39 | 0 | bogs; travelling, tiercel travelling in NE direction | DM | |
| PE013 | VP6 | 20/09/2021 | 17:31 | Peregrine Falcon | 1 | 32 | 0 | 0 | 32 | 0 | bogs; travelling, ad female travelling in a south direction | MM | |

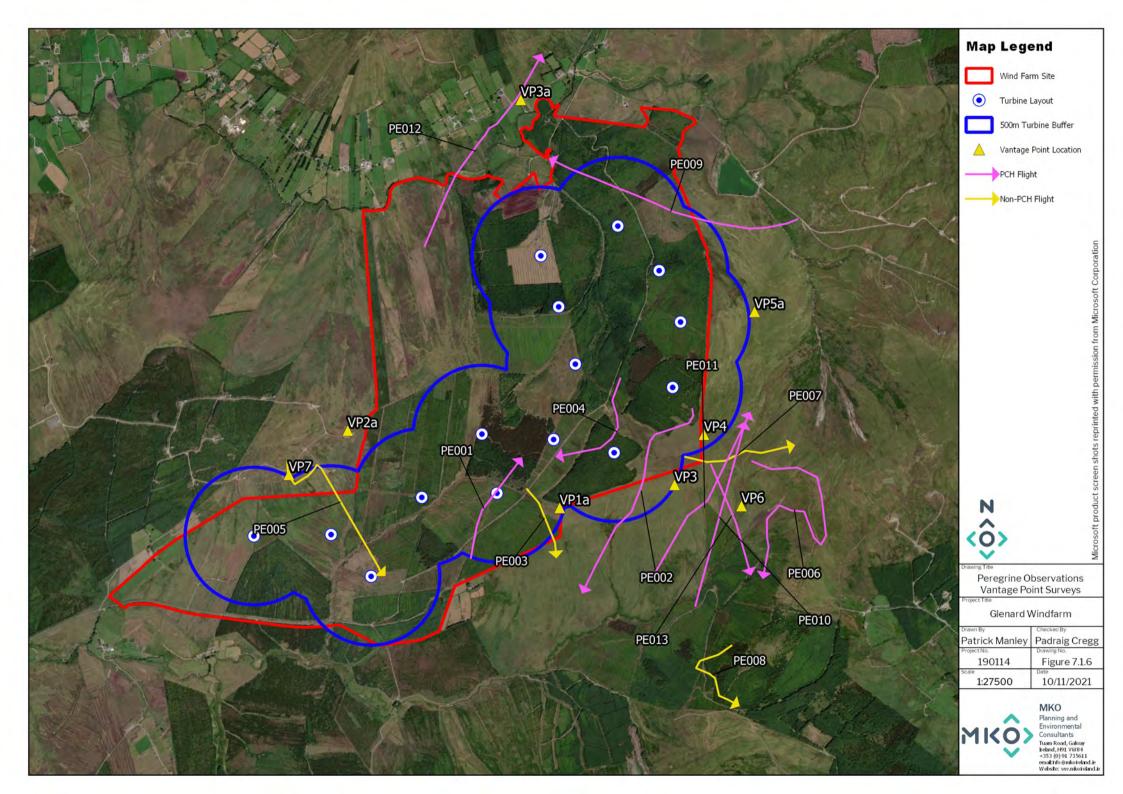
| | Breeding Walkover Surveys | | | | | | | | | | | | |
|----------|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Map Ref. | | | | | | | | | | | | | |
| PE001 | No. Date observation birds E001 15/04/2017 09:50 Peregrine 1 ER1, (Exposed siliceous rock) Landing on crag just outside 500m Suitable nesting habitat; Possible buffer. Flew south breeder | | | | | | | | | | | | |

| | Breeding Raptor Surveys | | | | | | | | | | | | |
|-----------------|-------------------------|---------------------|---------------------|-----------------|--|---|----------|--|--|--|--|--|--|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor | | | | | | |
| PE001 | 16/05/2017 | 09:10:00 | Peregrine Falcon | 1 | WS5, (Recently felled woodland) In flight | Suitable nesting habitat; Possible breeder | AR | | | | | | |
| PE002 | 09/06/2017 | 10:13:00 | Peregrine Falcon | 1 | PB2, (Upland blanket bog) Hunting | Suitable nesting habitat; Possible breeder | AR | | | | | | |
| PE003 | 20/07/2019 | 11:46:00 | Peregrine Falcon | 1 | | PE observed a few times re-visiting this area for WP prey opportunities. Likely to be a breeding site in the broader area | ND | | | | | | |
| PE004 | 27/07/2019 | 12:46:00 | Peregrine Falcon | 1 | | Breeding off-site. Visits to this area to forage, prey opportunities include WP in WD4 and WPs foraging on Bilberry | ND | | | | | | |
| PE005 | 25/05/2021 | 12:14 | Peregrine Falcon | 1 | bogs, flying male | | DM | | | | | | |



| | Breeding Raptor Surveys | | | | | | | | | | | |
|-----------------|--------------------------------|---------------------|-----------|-----------------|----------------------------------|----------|----------|--|--|--|--|--|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor | | | | | |
| PE006 | 18/07/2021 | 12:47 | Peregrine | 1 | bogs, ad female traveling in ENE | | DM | | | | | |
| | Falcon direction at circa 100m | | | | | | | | | | | |

| | Incidental Observations | | | | | | | | | | | | |
|------------|-------------------------|-----------|---|---|-----|--|--|--|--|--|--|--|--|
| Date | | | | | | | | | | | | | |
| 31/10/2016 | Waterfowl Survey | Peregrine | 1 | | AR | | | | | | | | |
| 21/01/2017 | On approach to VP2 | Peregrine | | Hunting along treeline | AR | | | | | | | | |
| 10/03/2017 | During HH roost survey | Peregrine | | Perched on fence post | AR | | | | | | | | |
| 28/09/2017 | Whitecastle | Peregrine | 1 | Juvenile swooped on roosting curlews but flew off | AOD | | | | | | | | |
| 28/01/2021 | HH Roost; HHVP3 | Peregrine | 1 | PB1, (Raised bog) Traveling, Female | MM | | | | | | | | |



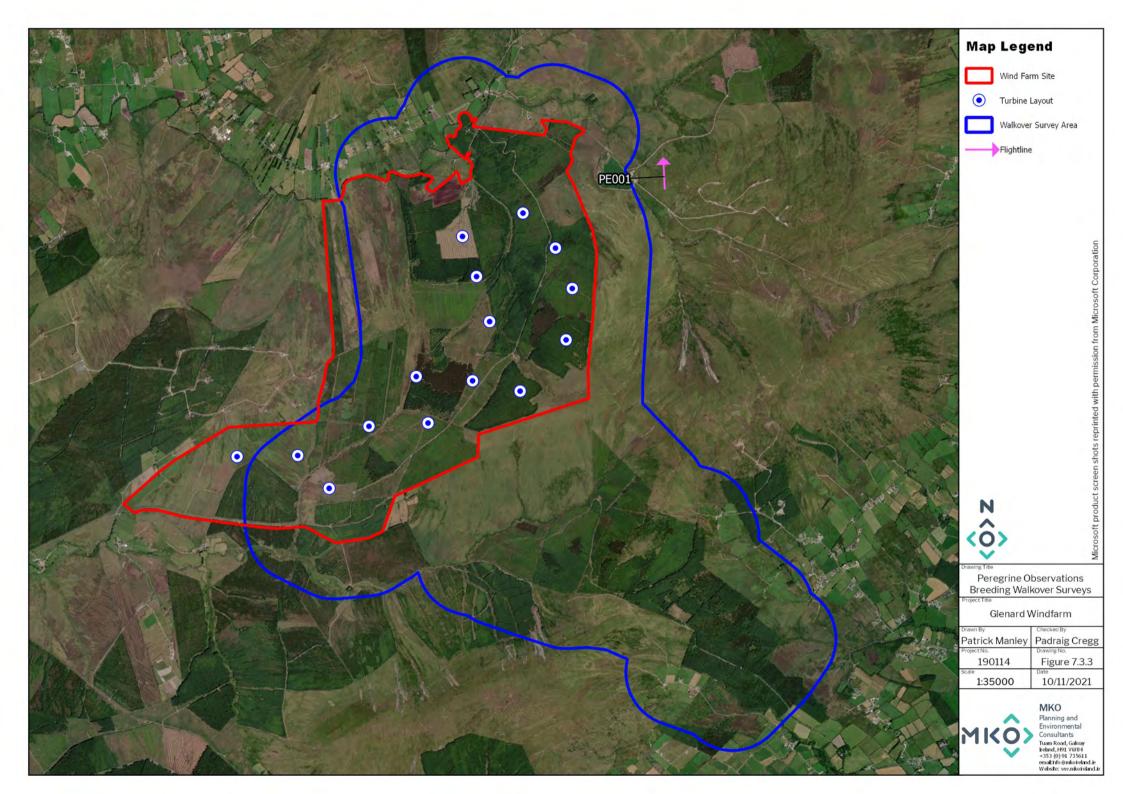






Table 8 Red Kite Survey Data

| | Incidental Observations | | | | | | | | | | | | |
|------------|-------------------------|---|---|--|----|--|--|--|--|--|--|--|--|
| Date | Survey Type | Survey Type Species No. of Birds Notes Surveyor | | | | | | | | | | | |
| 06/02/2021 | HH Roost; HHVP1 | Red Kite | 1 | PB1, (Raised bog) Foraging. No wind tags evident. Female | MM | | | | | | | | |
| 06/02/2021 | HH Roost; HHVP1 | Red Kite | 1 | PB1, (Raised bog) Foraging. Same bird as previous female | MM | | | | | | | | |



Table 9 Whooper Swan Survey Data

| | | | | | | | Vantag | e Point S | Surveys | | | |
|-------------|------------|------|-----------------|--------------------|-------------------|------------------------|-----------------------|-------------------------|--------------------------|--|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| WS001 | 15/10/2016 | VP5a | Whooper Swan | 2 | 11:26:00 | 41 | 0 | 41 | 0 | WD4, (Conifer plantation) HH3, (Wet heath) WS5, (Recently felled woodland) Calling, Travelling. | Travelling towards Lough Swilly. | AR |
| WS002 | 23/10/2016 | VP4 | Whooper Swan | 21 | 12:16:00 | 55 | 0 | 55 | 0 | WS5, (Recently felled woodland) WD4, (Conifer plantation) PB2, (Upland blanket bog) Travelling west | Flock observed feeding earlier in Fullerton Dam. Flying west towards Lough Swilly SPA. | AR |
| WS003 | 30/10/2016 | VP6 | Whooper Swan | 3 | 09:50:00 | 53 | 0 | 53 | 0 | WD4, (Conifer plantation) HH3, (Wet heath) WS5, (Recently felled woodland) In flight | Flying west over site within PCH | AR |
| WS004 | 05/11/2016 | VP1a | Whooper Swan | 4 | 16:15:00 | 61 | 0 | 61 | 0 | HH3, (Wet heath) WD4, (Conifer plantation) In flight | Flying west towards Lough Swilly | AR |
| WS005 | 05/11/2016 | VP1a | Whooper Swan | 2 | 17:12:00 | 35 | 0 | 35 | 0 | WD4, (Conifer plantation) HH3, (Wet heath) In flight | Flying towards Lough Swilly | AR |
| WS006 | 19/11/2016 | VP6 | Whooper Swan | 3 | 15:01:00 | 31 | 0 | 31 | 0 | WD4, (Conifer plantation) WS5, (Recently felled woodland) In flight | Flying SW towards lough Swilly | AR |
| WS007 | 20/11/2016 | VP4 | Whooper Swan | 4 | 15:06:00 | 41 | 0 | 41 | 0 | HH3, (Wet heath) In flight | In flight over Sorne Hill heading west | AR |
| WS008 | 26/11/2016 | VP5a | Whooper Swan | 4 | 11:19:00 | 29 | 0 | 29 | 0 | PB2, (Upland blanket bog) FW1, (Eroding/upland rivers) Flying west | Flying west towards Lough Swilly | AR |
| WS009 | 06/12/2016 | VP3 | Whooper Swan | 9 | 09:01:00 | 42 | 0 | 42 | 0 | HH3, (Wet heath) In flight | Observed in flight offsite to the NW of site | AR |
| WS0010 | 14/01/2017 | VP3 | Whooper Swan | 3 | 13:21:00 | 64 | 0 | 64 | 0 | HH3, (Wet heath) In flight | 3 (including juvenile) flying SW offsite for 64 seconds. | AR |
| WS0011 | 28/10/2017 | VP1a | Whooper Swan | 6 | 11:07:00 | 79 | 0 | 79 | 0 | PB2, (Upland blanket bog) HH3, (Wet heath) In flight | Flying west in PCH towards Lough Swilly | AR |



| | | | | | | | Vantag | e Point S | Surveys | | | |
|-------------|------------|------|-----------------|--------------------|-------------------|---------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| WS0012 | 26/11/2017 | VP6 | Whooper Swan | 2 | 14:10:00 | 45 | 0 | 45 | 0 | HH3, (Wet heath) WD4, (Conifer plantation) In flight | Flying SW mainly off site over Sorne Hill. Possibly towards Lough Swilly. | AR |
| WS0013 | 28/11/2017 | VP1a | Whooper Swan | 2 | 16:16:00 | 110 | | 110 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Pair calling flying over site southwards | | AOD |
| WS0014 | 29/11/2017 | VP3 | Whooper Swan | 11 | 12:54:00 | 140 | | | 140 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Mixed broadleaved/conifer woodland Calling flock heading south over site | | AOD |
| WS0015 | 07/01/2018 | VP4 | Whooper Swan | 7 | 12:10:00 | 65 | 0 | 65 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) In flight | 5 adults, 2 juveniles. In flight west over site in PCH. | AR |
| WS0016 | 13/10/2018 | VP3 | Whooper Swan | 21 | 14:02:00 | 38 | 0 | 38 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) In flight | Flying SW within PCH. Flew out of sight behind Sorne Hill. | AR |
| WS0017 | 14/10/2018 | VP2 | Whooper Swan | 2 | 18:10:00 | 42 | 0 | 42 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) In flight | Flying west within PCH offsite and within 500m buffer | AR |
| WS0018 | 27/10/2018 | VP4 | Whooper Swan | 21 | 18:05:00 | 40 | 0 | 40 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) In flight | In flight east over site within PCH. Calling. | AR |

| | Wildfowl Distribution Surveys | | | | | | | | | | | |
|------------|-------------------------------|------------------|-----------------|-----------------|------------------|---------|---|----------|--|--|--|--|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor | | | | |
| 31/10/2016 | Eddie Fullerton Dam | | Whooper Swan | 23 | | FL7 | Feeding in lake, taking flight after a while in the direction of Lough Swilly | AR | | | | |



| | | | W | ildfowl | Distributi | on Surveys | | |
|------------|---|------------------|-----------------|-----------------|------------------|---|--|----------|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor |
| 01/12/2016 | Lough Turk, Carrowmore Turlough, Grassland Fields, Lissfannon Shore and Lough Foyle | FL7 | Whooper Swan | 2 | | FL7, (Reservoirs) | taking flight from reservoir | AR |
| 01/12/2016 | Lough Turk, Carrowmore Turlough, Grassland Fields, Lissfannon Shore and Lough Foyle | GA1 | Whooper Swan | 6 | | GA1, (Improved agricultural grassland) | flying over | AR |
| 05/12/2016 | Lough Foyle | | Whooper Swan | 6 | | MW2, (Sea inlets and bays) | Landed on water | TR |
| 10/12/2016 | Inch level 3 | | Whooper Swan | 27 | | BC1, (Arable crops) GA1, (Improved agricultural grassland) | Feeding | TR |
| 10/12/2016 | Inch level 4 | | Whooper Swan | 61 | | GA1, (Improved agricultural grassland) | Feeding | TR |
| 10/12/2016 | Inch level 2 | | Whooper Swan | 87 | | BC1, (Arable crops) GA1, (Improved agricultural grassland) | Feeding | TR |
| 10/12/2016 | Inch Level 1 | | Whooper Swan | 275 | | BC1, (Arable crops) GA1, (Improved agricultural grassland) | Feeding | TR |
| 20/12/2016 | Blanket Nook | | Whooper Swan | 1 | | MW2, (Sea inlets and bays) | | TR |
| 20/12/2016 | Inch Levels | | Whooper Swan | 530 | | BC1, (Arable crops) GA1, (Improved agricultural grassland) | | TR |
| 09/01/2017 | Inch Lough | 10 | Whooper Swan | 7 | OW | GS4, (Wet grassland) | Feeding at lake edge | AR |
| 09/01/2017 | Inch Levels | 18 | Whooper Swan | 85 | Т | GA1, (Improved agricultural grassland) | Feeding | AR |
| 09/01/2017 | Inch Levels | 12 | Whooper Swan | 380 | Т | GA1, (Improved agricultural grassland) | Feeding in Improved agricultural grassland | AR |
| 27/01/2017 | Inch Levels | 10 | Whooper Swan | 10 | OW | FL8, (Other artificial lakes and ponds) | Feeding in lake | AR |
| 27/01/2017 | Inch Levels | 1 | Whooper Swan | 11 | Т | GA1, (Improved agricultural grassland) | Feeding | AR |
| 27/01/2017 | Inch Levels | 6 | Whooper Swan | 60 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland fields | AR |



| | | | Wi | ldfowl | Distributi | on Surveys | | |
|------------|--------------|------------------|-----------------|-----------------|------------------|--|--|----------|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor |
| 27/01/2017 | Inch Levels | 4 | Whooper Swan | 97 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland fields | AR |
| 27/01/2017 | Inch Levels | 9 | Whooper Swan | 280 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland fields | AR |
| 10/02/2017 | Lough Foyle | | Whooper Swan | 37 | AW | MW4, (Estuaries) | Above Water | TR |
| 10/02/2017 | Lough Foyle | | Whooper Swan | 38 | Т | GA1, (Improved agricultural grassland) | At far side of estuary behind tall bank | TR |
| 10/02/2017 | Lough Swilly | 2005 | Whooper Swan | 45 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 10/02/2017 | Lough Swilly | 2006 | Whooper Swan | 50 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 10/02/2017 | Lough Swilly | 2007 | Whooper Swan | 218 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 13/02/2017 | | 2010 | Whooper Swan | 4 | OW | FL2, (Acid oligotrophic lakes) | On Water | TR |
| 28/02/2017 | Lough Foyle | | Whooper Swan | 55 | Т | GA2, (Amenity grassland (improved)) | Terrestrial | TR |
| 28/02/2017 | INCH Level | 2011 | Whooper Swan | 63 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 28/02/2017 | INCH Level | 2012 | Whooper Swan | 144 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 28/02/2017 | INCH Level | 2012 | Whooper Swan | 213 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 14/03/2017 | | | Whooper Swan | 2 | OW | FL2, (Acid oligotrophic lakes) | On Water | TR |
| 14/03/2017 | | | Whooper Swan | 66 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 14/03/2017 | | | Whooper Swan | 81 | Т | GA1, (Improved agricultural grassland) | Outside Buffer area at north side of Foyle | TR |
| 14/03/2017 | | | Whooper Swan | 155 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR |



| | Wildfowl Distribution Surveys | | | | | | | | | | | | |
|------------|-------------------------------|------------------|-----------------|-----------------|------------------|---|--------------------------------|----------|--|--|--|--|--|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor | | | | | |
| 28/03/2017 | | | Whooper Swan | 1 | OW | MW4, (Estuaries) | On Water | TR | | | | | |
| 28/03/2017 | | | Whooper Swan | 2 | OW | FL2, (Acid oligotrophic lakes) | On Water | TR | | | | | |
| 28/03/2017 | | | Whooper Swan | 16 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR | | | | | |
| 28/03/2017 | | | Whooper Swan | 70 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR | | | | | |
| 28/03/2017 | | | Whooper Swan | 122 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR | | | | | |
| 28/03/2017 | | | Whooper Swan | 168 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR | | | | | |
| 08/04/2017 | Inch levels | | Whooper Swan | 15 | OW | GS4, (Wet grassland) | Feeding along Lake | AR | | | | | |
| 08/04/2017 | Inch levels | | Whooper Swan | 20 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR | | | | | |
| 08/04/2017 | Inch levels | | Whooper Swan | 27 | Т | GA1, (Improved agricultural grassland) | Feeding in fields at Levels | AR | | | | | |
| 08/04/2017 | Inch levels | | Whooper Swan | 620 | Т | GA1, (Improved agricultural grassland) | Feeding along 2 grass pastures | AR | | | | | |
| 20/04/2017 | Inch levels | | Whooper Swan | 4 | OW | GS4, (Wet grassland) | Feeding in Inch lake | AR | | | | | |
| 20/04/2017 | Inch levels | | Whooper Swan | 214 | Т | GA1, (Improved agricultural grassland) | Feeding in grass fields | AR | | | | | |
| 20/04/2017 | Inch levels | | Whooper Swan | 220 | Т | GA1, (Improved agricultural grassland) | Feeding in grass fields | AR | | | | | |
| 05/05/2017 | Inch levels | | Whooper Swan | 3 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR | | | | | |
| 05/05/2017 | Inch levels | | Whooper Swan | 13 | Т | GA1, (Improved agricultural grassland) | Flying into grassland field | AR | | | | | |
| 21/05/2017 | Inch levels | | Whooper Swan | 2 | OW | FL8, (Other artificial lakes and ponds) | Feeding in Inch lake | AR | | | | | |



| | | | Wi | ildfowl | Distributi | on Surveys | | |
|------------|--------------|------------------|-----------------|-----------------|------------------|--|-------------------------------|----------|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor |
| 28/09/2017 | Blanket Nook | | Whooper Swan | 1 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 07/10/2017 | | IL1 | Whooper Swan | 110 | Т | GA1, (Improved agricultural grassland) | Feeding in stubble | AR |
| 22/10/2017 | | I1 | Whooper Swan | 7 | F | HH3, (Wet heath) | In flight SW | AR |
| 22/10/2017 | | I2 | Whooper Swan | 21 | F | HH3, (Wet heath) | In flight SW | AR |
| 22/10/2017 | | IL5 | Whooper Swan | 130 | Т | GA1, (Improved agricultural grassland) | Foraging | AR |
| 22/10/2017 | | IL2 | Whooper Swan | 165 | Т | GA1, (Improved agricultural grassland) | Foraging | AR |
| 22/10/2017 | Inch levels | IL1 | Whooper Swan | 230 | Т | GA1, (Improved agricultural grassland) | Foraging | AR |
| 04/11/2017 | | T1 | Whooper Swan | 7 | F | WD4, (Conifer plantation) HH3, (Wet heath) | In flight | AR |
| 04/11/2017 | | IL4 | Whooper Swan | 9 | OW | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 04/11/2017 | | B1 | Whooper Swan | 12 | F | HH3, (Wet heath) | in flight | AR |
| 04/11/2017 | | IL5 | Whooper Swan | 21 | Т | FL7, (Reservoirs) | Feeding along Inch Lake | AR |
| 04/11/2017 | | IL1 | Whooper Swan | 27 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 04/11/2017 | | IL2 | Whooper Swan | 31 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 19/11/2017 | | B1 | Whooper Swan | 16 | F | GA1, (Improved agricultural grassland) | In flight towards Inch Levels | AR |
| 19/11/2017 | | IL3 | Whooper Swan | 69 | Т | BC1, (Arable crops) | Foraging in flooded fields | AR |
| 19/11/2017 | | IL1 | Whooper Swan | 110 | Т | BC1, (Arable crops) | Foraging in flooded fields | AR |



| | Wildfowl Distribution Surveys | | | | | | | | | | | | |
|------------|-------------------------------|------------------|-----------------|-----------------|------------------|--|-----------------------|----------|--|--|--|--|--|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor | | | | | |
| 02/12/2017 | | IL2 | Whooper Swan | 20 | OW | FL7, (Reservoirs) | In Inch Lake | AR | | | | | |
| 02/12/2017 | Inch levels | IL1 | Whooper Swan | 900 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR | | | | | |
| 22/12/2017 | | BF1 | Whooper Swan | 7 | F | GA1, (Improved agricultural grassland) | In flight | AR | | | | | |
| 22/12/2017 | | QP1 | Whooper Swan | 11 | F | GA1, (Improved agricultural grassland) | In flight | AR | | | | | |
| 22/12/2017 | | IL1 | Whooper Swan | 26 | Т | GA1, (Improved agricultural grassland) | Feeding grassland | AR | | | | | |
| 22/12/2017 | | IL4 | Whooper Swan | 32 | OW | FL7, (Reservoirs) | On Inch Lake | AR | | | | | |
| 22/12/2017 | | IL3 | Whooper Swan | 120 | Т | GA1, (Improved agricultural grassland) | Feeding grassland | AR | | | | | |
| 02/01/2018 | Eddie Fullerton Dam | ED2 | Whooper Swan | 9 | OW | FL7, (Reservoirs) | In reservoir | AR | | | | | |
| 02/01/2018 | Inch Levels | IL5 | Whooper Swan | 37 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR | | | | | |
| 02/01/2018 | Inch Levels | IL2 | Whooper Swan | 94 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR | | | | | |
| 02/01/2018 | Inch Levels | IL6 | Whooper Swan | 101 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR | | | | | |
| 21/01/2018 | Inch Levels | IL2 | Whooper Swan | 47 | Т | GA1, (Improved agricultural grassland) | Foraging in grassland | AR | | | | | |
| 21/01/2018 | Inch Levels | IL4 | Whooper Swan | 80 | Т | GA1, (Improved agricultural grassland) | Loafing | AR | | | | | |
| 21/01/2018 | Inch Levels | IL3 | Whooper Swan | 144 | Т | GA1, (Improved agricultural grassland) | Foraging in grassland | AR | | | | | |
| 01/02/2018 | Inch Road | | Whooper Swan | 185 | Т | GA1, (Improved agricultural grassland) | Terrestrial | AOD | | | | | |
| 19/02/2018 | Inch | | Whooper Swan | 8 | OW | MW2, (Sea inlets and bays) | On Water | AOD | | | | | |



| | | | Wil | ldfowl | Distributi | on Surveys | | |
|------------|---------------------|------------------|-----------------|-----------------|------------------|--|--|----------|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor |
| 19/02/2018 | Inch Road | | Whooper Swan | 71 | Т | GA1, (Improved agricultural grassland) | Terrestrial | AOD |
| 19/02/2018 | Inch Burnfoot rd. | | Whooper Swan | 139 | Т | GA1, (Improved agricultural grassland) | Terrestrial | AOD |
| 04/03/2018 | Inch Levels | IL4 | Whooper Swan | 5 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 04/03/2018 | Inch Levels | IL3 | Whooper Swan | 12 | OW | FL7, (Reservoirs) | In Inch Lake | AR |
| 04/03/2018 | Inch Levels | IL1 | Whooper Swan | 21 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 04/03/2018 | Inch Levels | IL2 | Whooper Swan | 105 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 24/03/2018 | Inch Levels | IL8 | Whooper Swan | 6 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 24/03/2018 | Inch Levels | IL4 | Whooper Swan | 15 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 24/03/2018 | Inch Levels | IL3 | Whooper Swan | 20 | OW | FL7, (Reservoirs) | In Inch Lake | AR |
| 24/03/2018 | Inch Levels | IL1 | Whooper Swan | 21 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 24/03/2018 | Inch Levels | IL6 | Whooper Swan | 35 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 24/03/2018 | Inch Levels | IL10 | Whooper Swan | 105 | Т | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 15/04/2018 | Inch Lough / Levels | | Whooper Swan | 120 | Т | GA1, (Improved agricultural grassland) | GA1, (Improved agricultural grassland) | ND |
| 26/04/2018 | Inch Lough / Levels | | Whooper Swan | 110 | OW | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | ND |
| 06/05/2018 | Inch Lough / Levels | | Whooper Swan | 28 | AW | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | ND |



| | Wildfowl Distribution Surveys | | | | | | | | | | | |
|------------|-------------------------------|--|---------|---|----|-------------------------------------|-------------------------------------|----|--|--|--|--|
| Date | | | | | | | | | | | | |
| | Code birds Code | | | | | | | | | | | |
| 09/05/2018 | Lough Inn | | Whooper | 1 | AW | FL2, (Acid oligotrophic lakes) PB2, | FL2, (Acid oligotrophic lakes) PB2, | ND | | | | |
| | | | Swan | | | (Upland blanket bog) WD4, | (Upland blanket bog) WD4, | | | | | |
| | | | | | | (Conifer plantation) | (Conifer plantation) | | | | | |
| 31/05/2018 | Inch Lough / Levels | | Whooper | 4 | AW | CW1, (Lagoons and saline lakes) | Above Water | ND | | | | |
| | | | Swan | | | | | | | | | |

| | Incidental Observations | | | | | | | | | | |
|------------|--|--------------|----|--|----|--|--|--|--|--|--|
| Date | Date Survey Type Species No. of Birds Notes Surveyor | | | | | | | | | | |
| 19/10/2016 | Flying south over the Glenard site | Whooper swan | 12 | Observed during HH survey travelling towards Lough Swilly. | AR | | | | | | |
| 22/10/2016 | Flying north west over Glenard | Whooper swan | 3 | | AR | | | | | | |
| 25/11/2016 | During HH survey at Area 4 | Whooper swan | 2 | Flying west over site | AR | | | | | | |
| 26/10/2018 | HH VP6 | Whooper swan | 11 | flying south east over vp6 within PCH | AR | | | | | | |

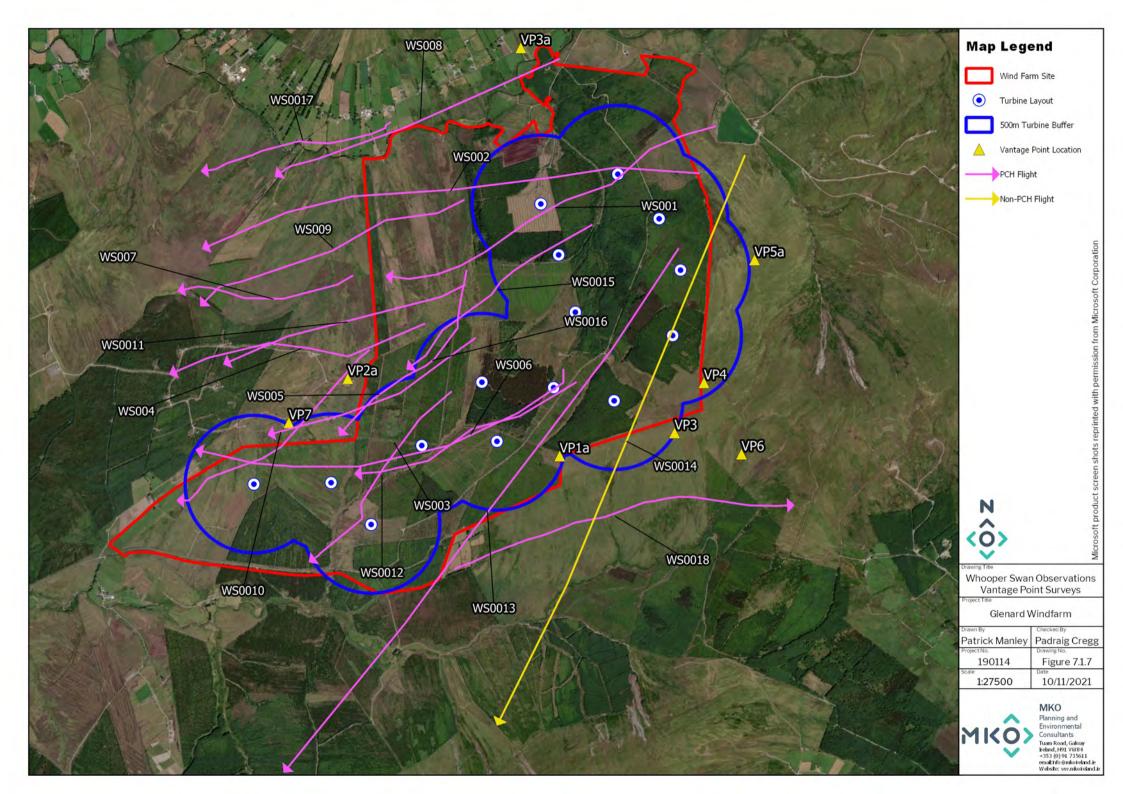




Table 10 Black-headed Gull

| | | | | | | V | antage] | Point Sur | veys | | | |
|-------------|------------|------|--------------------------|-----------------|-------------------|---------------------------|-------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0-25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BH001 | 22/10/2016 | VP2a | Black- headed Gull | 3 | 09:15 | 62 | 0 | 62 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) WD4, (Conifer plantation) Travelling west | | AR |
| BH002 | 05/11/2016 | VP1a | Black- headed Gull | 4 | 12:30:00 | 45 | 0 | 45 | 0 | WD4, (Conifer plantation) HH3, (Wet heath) Flying south over VP. | | AR |
| BH003 | 20/11/2016 | VP4 | Black- headed Gull | 16 | 12:01:00 | 70 | 0 | 70 | 0 | WS5, (Recently felled woodland) WD4, (Conifer plantation) In flight | Flock observed flying at PCH over site - SW | AR |
| BH004 | 08/01/2017 | VP1a | Black- headed Gull | 4 | 13:21:00 | 36 | 0 | 36 | 0 | WD4, (Conifer plantation) HH3, (Wet heath) Travelling over site | Travelling east over site | AR |
| BH005 | 16/01/2017 | VP4 | Black- headed Gull | 11 | 15:21:00 | 51 | 0 | 51 | 0 | WD4, (Conifer plantation) Travelling over site | Travelling east over site within PCH | AR |
| BH006 | 04/02/2017 | VP5a | Black- headed Gull | 12 | 09:31:00 | 37 | 11 | 26 | 0 | GA1, (Improved agricultural grassland) HH3, (Wet heath) In flight to grassland field | Flock flying from south into grassland field to feed. | AR |

| | Winter Walkover Surveys | | | | | | | | | | | |
|----------|---|--|--|--|--|--|--|--|--|--|--|--|
| Map Ref. | Map Ref. Date Time Species No. of birds Sex/age Habitat and Activity Surveyor | | | | | | | | | | | |
| BH001 | | | | | | | | | | | | |



| | | | 7 | Wildfow | l Distrib | ution Surveys | | |
|------------|--|--|----------------------|-----------------|------------------|----------------------------------|--------------------------------|----------|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor |
| 16/08/2016 | Lough Foyle, Opposite greenbank cottages, 55.120043, -7.202550 | Mud Shore LS4 | Black-headed Gull | 1 | | Mud Shore LS4 | On water | Jos |
| 16/08/2016 | Lough Foyle, Opposite greenbank cottages, 55.120043, -7.202550 | Mud Shore LS4 | Black-headed Gull | 3 | | Mud Shore LS4 | Perched on rocks | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, - 7.247071 | Shingle shore LS1 | Black-headed Gull | 38 | | Shingle shore LS1 | | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, - 7.247071 | Mud Shore LS4 | Black-headed Gull | 82 | | Mud Shore LS4 | Feeding/roosting on mud shore | Jos |
| 16/08/2016 | Lough Foyle, Coney road, 55.066184, -7.253895 | Mud Shore LS4 | Black-headed Gull | 105 | | Mud Shore LS4 | Feeding/roosting on mud shore | JOS |
| 16/08/2016 | Lough Foyle, Culmore point, 55.047009, - 7.253809 | Mud Shore LS4 | Black-headed Gull | 32 | | Mud Shore LS4 | Feeding/roosting on mud shore | JOS |
| 16/08/2016 | Lough Foyle, Ture, 55.093156, -7.228038 | Shingle shore LS1 | Black-headed Gull | 25 | | Shingle shore LS1 | Roosting | JOS |
| 16/08/2016 | Lough Foyle, Aught, 55.105663, -7.213010 | Shingle shore LS1/ Mud Shore LS4 | Black-headed Gull | 14 | | Shingle shore LS1/ Mud Shore LS4 | Sitting on rocks/shingle shore | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, - 7.247071 | Shingle shore LS1 | Black-headed Gull | 3 | | Shingle shore LS1 | Roosting on shingle | JOS |
| 16/08/2016 | Ladys bay beach, Buncrana, 55.118486, - 7.460513 | Sand Shore LS2 | Black-headed Gull | 2 | | Sand Shore LS2 | Roosting | JOS |
| 16/08/2016 | Ladys bay beach, Buncrana, 55.122148, - 7.458889 | Sand Shore LS2 | Black-headed Gull | 1 | | Sand Shore LS2 | Roosting on sand | Jos |



| | | | 7 | Wildfow | l Distrib | ution Surveys | | |
|------------|---|----------------------|----------------------|-----------------|------------------|-------------------|--|----------|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, - 7.253809 | Estuary MW4 | Black-headed Gull | 3 | | Estuary MW4 | Fly south. Band 1. | Jos |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, - 7.253809 | Estuary MW4 | Black-headed Gull | 2 | | Estuary MW4 | Fly south. | Jos |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, - 7.253809 | Shingle shore LS1 | Black-headed Gull | 140 | | Shingle shore LS1 | Roosting on shingle with HG. Disturbed at 07:41 by dog walkers. Lift, disperse and land on shingle spit and shore further N. | Jos |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, - 7.253809 | Shingle shore LS1 | Black-headed Gull | 1 | | Shingle shore LS1 | | Jos |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, - 7.253809 | Estuary MW4 | Black-headed Gull | 3 | | Estuary MW4 | Fly south. Band 1/2. 50 seconds. | Jos |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, - 7.253809 | Estuary MW4 | Black-headed Gull | 2 | | Estuary MW4 | Fly south, land on water. | Jos |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, - 7.253809 | Estuary MW4 | Black-headed Gull | 2 | | Estuary MW4 | Fly S of Culmore Point, out of view. Band 1. | Jos |
| 01/09/2016 | Lough Foyle, Ardmore lower, 55.079479, - 7.247071 | Sand shore LS2 | Black-headed Gull | 50 | | Sand shore LS2 | Roosting on shore. | Jos |
| 01/09/2016 | Lough Foyle, Ardmore lower, 55.068217, - 7.255450 | Shingle shore LS1 | Black-headed Gull | 36 | | Shingle shore LS1 | Roosting. | JOS |
| 01/09/2016 | Lough Foyle, Drumskellan, 55.090511, - 7.232631 | Estuary MW4 | Black-headed Gull | 3 | | Estuary MW4 | Fly south, low over water, band 1. | JOS |



| | | | 7 | Wildfow | l Distrib | ution Surveys | | |
|------------|--|-----------------------------------|----------------------|-----------------|------------------|--------------------------------|--|----------|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor |
| 01/09/2016 | Lough Foyle, Drumskellan, 55.090511, - 7.232631 | Sand shore LS2 | Black-headed Gull | 19 | | Sand shore LS2 | Roosting on shore. | Jos |
| 01/09/2016 | Lough Foyle, Aught, 55.103160, -7.214660 | Shingle shore LS1 | Black-headed Gull | 11 | | Shingle shore LS1 | | Jos |
| 01/09/2016 | Lough Foyle, Aught, 55.106614, -7.212895 | Estuary MW4 | Black-headed Gull | 1 | | Estuary MW4 | On water | JOS |
| 01/09/2016 | Lough Foyle, Three trees, 55.113394, -7.208258 | Shingle shore LS1 | Black-headed Gull | 2 | | Shingle shore LS1 | Roosting on shingle. | JOS |
| 01/09/2016 | Lough Foyle, Three trees, 55.115854, -7.206962 | Shingle shore LS1 | Black-headed Gull | 4 | | Shingle shore LS1 | Roosting on shingle. | JOS |
| 01/09/2016 | Lough Foyle, S of Quigleys Point, 55.121871, -7.198044 | Estuary MW4 | Black-headed Gull | 4 | | Estuary MW4 | Fly south. Band 2. | JOS |
| 01/09/2016 | Lough Foyle, S of Quigleys Point, 55.121871, -7.198044 | Estuary MW4 | Black-headed Gull | 7 | | Estuary MW4 | On water. | JOS |
| 01/09/2016 | Lough Foyle, N of Quigleys Point, 55.126528, -7.187948 | GA1/Estuary MW4 | Black-headed Gull | 4 | | GA1/Estuary MW4 | Fly over track. Band 1. | JOS |
| 01/09/2016 | Lough Foyle, N of Quigleys Point, 55.126528, -7.187948 | Shingle shore LS1 | Black-headed Gull | 21 | | Shingle shore LS1 | Roosting on shingle | JOS |
| 01/09/2016 | Ladys bay beach, Buncrana, 55.113528, - 7.468302 | Sand shore LS2 | Black-headed Gull | 4 | | Sand shore LS2 | Roosting on sand shore. | JOS |
| 01/09/2016 | Ladys bay beach, Buncrana, 55.113528, - 7.468302 | Estuary MW4, Sand shore LS2 | Black-headed Gull | 1 | | Estuary MW4, Sand shore LS2 | Flies N, lands on water, band 1. | JOS |
| 01/09/2016 | Lough Foyle, Aught, 55.103160, -7.214660 | Estuary MW4 | Black-headed Gull | 1 | | Estuary MW4 | Flies N to S, low over water. Band 1. 40 secs. | JOS |



| | | | , | Wildfow | l Distrib | ution Surveys | | |
|------------|--------------|------------------|----------------------|-----------------|------------------|----------------------------|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor |
| 20/09/2016 | Lough Foyle | MW2 | Black-headed Gull | 115 | | MW2, (Sea inlets and bays) | | HH, TR |
| 30/11/2016 | Lough Foyle | | Black-headed Gull | 12 | | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Black-headed Gull | 3 | | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Black-headed Gull | 210 | | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Black-headed Gull | 23 | | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Black-headed Gull | 35 | | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Black-headed Gull | 33 | | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Black-headed Gull | 27 | | MW2, (Sea inlets and bays) | | TR |
| 10/02/2017 | Lough Foyle | | Black-headed Gull | 110 | W | MW4, (Estuaries) | Wading | TR |
| 10/02/2017 | Lough Foyle | | Black-headed Gull | 63 | P | MW4, (Estuaries) | On Water | TR |
| 10/02/2017 | Lough Foyle | | Black-headed Gull | 2 | AW | MW4, (Estuaries) | Above Water | TR |
| 13/02/2017 | Lough Swilly | 2009 | Black-headed Gull | 6 | F | LS2, (Sand shores) | Flying | TR |
| 28/02/2017 | Lough Foyle | | Black-headed Gull | 79 | AW | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Black-headed Gull | 70 | AW | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Black-headed Gull | 30 | OW | MW4, (Estuaries) | On Water | TR |
| 28/02/2017 | Lough Foyle | | Black-headed Gull | 12 | AW | MW4, (Estuaries) | Above Water | TR |



| | | | 7 | Wildfow | l Distribu | ution Surveys | | |
|------------|-----------------------|------------------|----------------------|-----------------|------------------|--|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor |
| 28/02/2017 | Lough Foyle | | Black-headed Gull | 10 | AW | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Black-headed Gull | 6 | AW | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Black-headed Gull | 6 | OW | MW4, (Estuaries) | On Water | TR |
| 28/02/2017 | Lough Foyle | | Black-headed Gull | 2 | AW | MW4, (Estuaries) | Above Water | TR |
| 14/03/2017 | | | Black-headed Gull | 230 | Т | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 14/03/2017 | | | Black-headed Gull | 35 | Т | LS2, (Sand shores) | Terrestrial | TR |
| 14/03/2017 | | | Black-headed Gull | 35 | AW | MW4, (Estuaries) | Above Water | TR |
| 14/03/2017 | | | Black-headed Gull | 22 | OW | MW4, (Estuaries) | On Water | TR |
| 14/03/2017 | | | Black-headed Gull | 2 | OW | MW4, (Estuaries) | On Water | TR |
| 28/03/2017 | | | Black-headed Gull | 14 | OW | MW4, (Estuaries) | On Water | TR |
| 28/03/2017 | | | Black-headed Gull | 12 | Т | Terrestrial | Terrestrial | TR |
| 28/03/2017 | | | Black-headed Gull | 9 | OW | MW4, (Estuaries) | On Water | TR |
| 28/03/2017 | | | Black-headed Gull | 9 | AW | LS2, (Sand shores) | Above Water | TR |
| 28/08/2017 | Culmore Point | | Black-headed Gull | 145 | F | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/08/2017 | Quigleys Point | | Black-headed Gull | 50 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | Culmore Landfill Site | | Black-headed Gull | 33 | F | MW2, (Sea inlets and bays) | Flying | AOD |



| | | | 7 | Wildfow | l Distribu | ıtion Surveys | | |
|------------|------------------------|------------------|----------------------|-----------------|------------------|----------------------------|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor |
| 28/08/2017 | South of Carrowkeel | | Black-headed Gull | 32 | F | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/08/2017 | Rinenore Point | | Black-headed Gull | 21 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | Sand Point | | Black-headed Gull | 7 | AW | MW2, (Sea inlets and bays) | Above Water | AOD |
| 28/08/2017 | Ture Point | | Black-headed Gull | 2 | OW | MW2, (Sea inlets and bays) | On Water | AOD |
| 29/08/2017 | Banket Nook | | Black-headed Gull | 490 | AW | MW2, (Sea inlets and bays) | Above Water | AOD |
| 29/08/2017 | Inch levels Hide | | Black-headed Gull | 350 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 29/08/2017 | Buncrana beach | | Black-headed Gull | 17 | F | MW2, (Sea inlets and bays) | Flying | AOD |
| 16/09/2017 | Culmore Point | | Black-headed Gull | 38 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Blanket Nook | | Black-headed Gull | 18 | F | MW2, (Sea inlets and bays) | Flying | AOD |
| 16/09/2017 | Rinenore Point | | Black-headed Gull | 17 | F | MW2, (Sea inlets and bays) | Flying | AOD |
| 16/09/2017 | Quigleys Point | | Black-headed Gull | 3 | F | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/09/2017 | Inch Levels South Hide | | Black-headed Gull | 520 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Blanket Nook | | Black-headed Gull | 50 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Rinenore Point | | Black-headed Gull | 39 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Culmore Point | | Black-headed Gull | 28 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Ture Point | | Black-headed Gull | 18 | F | MW2, (Sea inlets and bays) | Flying | AOD |



| | | | 7 | Wildfow | ıl Distribu | ution Surveys | | |
|------------|-----------------------|------------------|----------------------|-----------------|------------------|----------------------------|--------------------------------------|----------|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor |
| 28/09/2017 | Sandpoint | | Black-headed Gull | 12 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Culmore Landfill | | Black-headed Gull | 10 | F | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/09/2017 | Quigleys Point | | Black-headed Gull | 2 | OW | MW2, (Sea inlets and bays) | On Water | AOD |
| 01/02/2018 | Inch | | Black-headed Gull | 100 | OW | MW2, (Sea inlets and bays) | | AOD |
| 01/02/2018 | Culmore country park | | Black-headed Gull | 71 | OW | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 01/02/2018 | Crana estuary | | Black-headed Gull | 45 | Т | MW2, (Sea inlets and bays) | | AOD |
| 01/02/2018 | Culmore Point | | Black-headed Gull | 18 | Т | MW2, (Sea inlets and bays) | | AOD |
| 01/02/2018 | Sand Point | | Black-headed Gull | 12 | Т | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 01/02/2018 | Rinemore point | | Black-headed Gull | 5 | F | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 01/02/2018 | Buncrana Pier | | Black-headed Gull | 5 | F | MW2, (Sea inlets and bays) | | AOD |
| 19/02/2018 | Inch | | Black-headed Gull | 540 | F | MW2, (Sea inlets and bays) | Flying | AOD |
| 19/02/2018 | White strand Buncrana | | Black-headed Gull | 21 | F | MW2, (Sea inlets and bays) | Flying | AOD |
| 19/02/2018 | Crana estuary | | Black-headed Gull | 8 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 19/02/2018 | Buncrana Pier | | Black-headed Gull | 2 | F | MW2, (Sea inlets and bays) | Flying | AOD |
| 20/02/2018 | Culmore country park | | Black-headed Gull | 180 | OW | MW2, (Sea inlets and bays) | On Water | AOD |
| 20/02/2018 | Sand Point | | Black-headed Gull | 165 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |

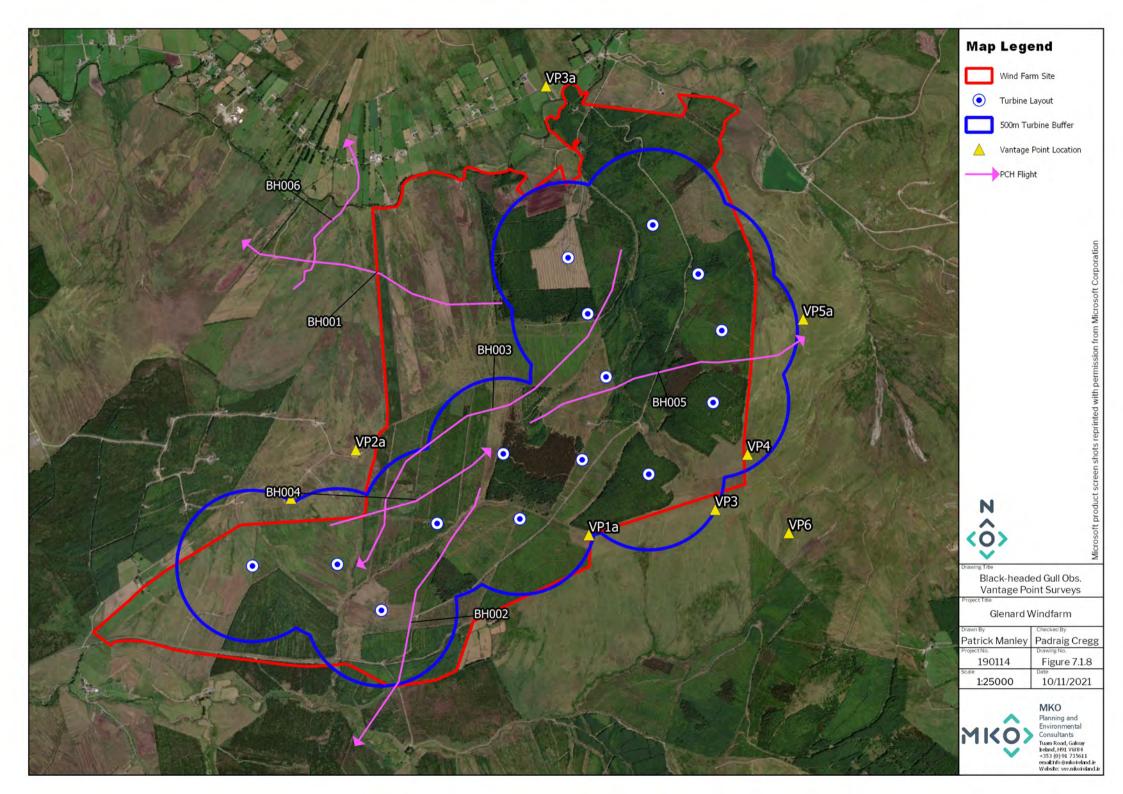


| | | | 7 | Wildfow | l Distrib | ution Surveys | | |
|------------|--------------------------|------------------|----------------------|-----------------|------------------|--|---|----------|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor |
| 20/02/2018 | Culmore Point | | Black-headed Gull | 78 | Т | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Carrowkeel | | Black-headed Gull | 6 | F | MW2, (Sea inlets and bays) | Flying | AOD |
| 15/04/2018 | Inch Lough / Levels | | Black-headed Gull | 450 | Т | GA1, (Improved agricultural grassland) | GA1, (Improved agricultural grassland) | ND |
| 20/04/2018 | Crana River Lough Swilly | | Black-headed Gull | 23 | AW | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 21/04/2018 | Lough foyle | | Black-headed Gull | 2 | OW | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 26/04/2018 | Inch Lough / Levels | | Black-headed Gull | 1600 | OW | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | CW1, (Lagoons and saline lakes) FS2, (Tallherb swamps) GS4, (Wet grassland) | ND |
| 28/04/2018 | Crana River Lough Swilly | | Black-headed Gull | 9 | OW | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 29/04/2018 | Lough foyle | | Black-headed Gull | 11 | OW | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 06/05/2018 | Inch Lough / Levels | | Black-headed Gull | 1350 | OW | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | CW1, (Lagoons and saline lakes) FS2, (Tallherb swamps) GS4, (Wet grassland) | ND |
| 09/05/2018 | Foyle Estuary | | Black-headed Gull | 8 | OW | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 09/05/2018 | Crana River Lough Swilly | | Black-headed Gull | 7 | OW | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |



| | Wildfowl Distribution Surveys | | | | | | | | | | | | |
|------------|-------------------------------|------------------|----------------------|-----------------|------------------|--|--|----------|--|--|--|--|--|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Activity | Surveyor | | | | | |
| 26/05/2018 | Crana River Lough Swilly | | Black-headed Gull | 7 | О | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND | | | | | |
| 26/05/2018 | Foyle Estuary | | Black-headed Gull | 4 | OW | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND | | | | | |
| 31/05/2018 | Inch Lough / Levels | | Black-headed Gull | 600 | OW | CW1, (Lagoons and saline lakes) | On Water | ND | | | | | |

| | Incidental Observations | | | | | | | | | | |
|------------|--|-------------------|--|--|----|--|--|--|--|--|--|
| Date | Date Survey Type Species No. of Birds Notes Surveyor | | | | | | | | | | |
| 09/01/2017 | Waterfowl Survey | Black-headed Gull | | | AR | | | | | | |
| 27/01/2017 | Waterfowl Survey | Black-headed Gull | | | AR | | | | | | |



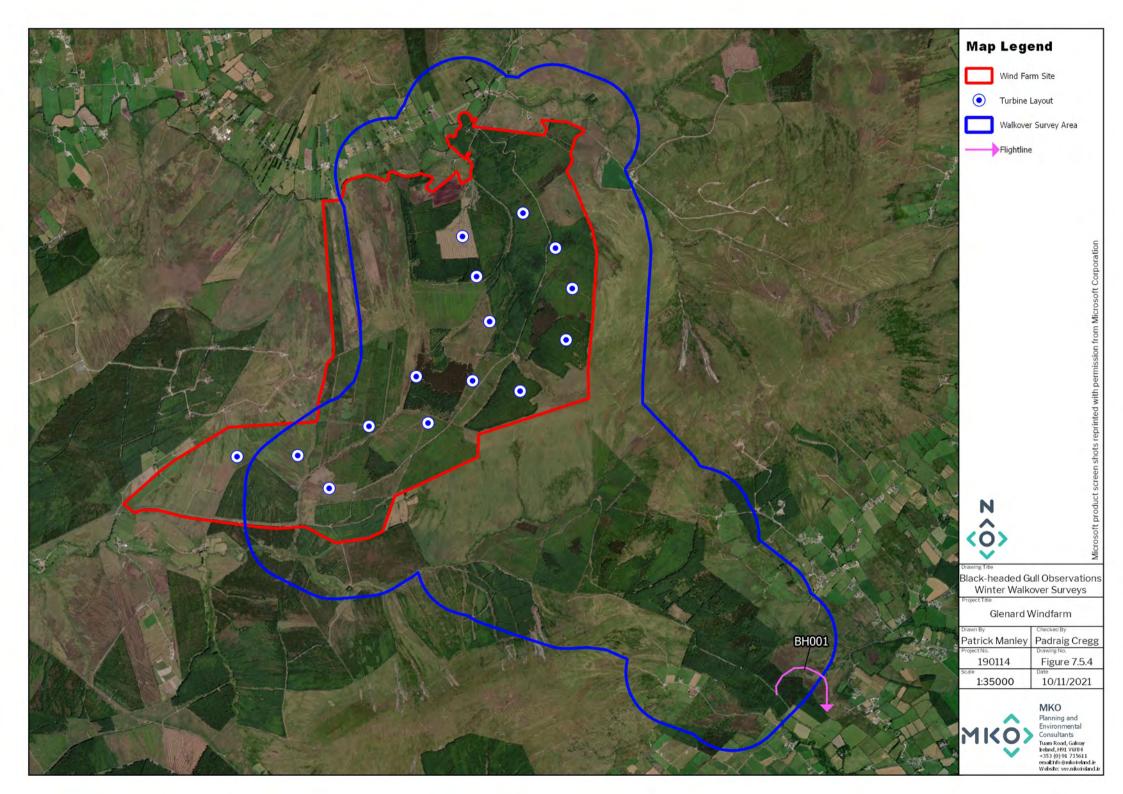




Table 11 Common Gull Survey Data

| | Vantage Point Surveys | | | | | | | | | | | | |
|-------------|-----------------------|------|----------------|-----------------|-------------------|---------------------------|-----------------------|-------------------------|--------------------------|--|--|----------|--|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor | |
| CM001 | 11/12/2016 | VP2a | Common Gull | 19 | 11:59:00 | 45 | | 45 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) In flight over SW tip of site | Flying west within PCH over SW tip of site boundary | AR | |
| CM002 | 26/06/2017 | VP4 | Common Gull | 1 | 16:51 | 130 | | 130 | | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) flying | CM flew S to N, c.1km west of VP4 at 60m to 30m over ground. Tracked until not visible due to obstructing forest trees | ND | |

| | Winter Walkover Surveys | | | | | | | | | | |
|----------|---|--|--|--|--|--|--|--|--|--|--|
| Map Ref. | Map Ref. Date Time Species No. of birds Sex/age Habitat and Activity Surveyor | | | | | | | | | | |
| CM001 | | | | | | | | | | | |

| | Wildfowl Distribution Surveys | | | | | | | | | | | | |
|--|--|-------------------|----------------|---|----------------|----------------------|-----|--|--|--|--|--|--|
| Date Location Location Species No. of Habitat Activity Sur Code birds | | | | | | | | | | | | | |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Mud Shore LS4 | Common Gull | 1 | Mud Shore LS4 | Feeding on mud shore | JOS | | | | | | |
| 16/08/2016 | Ladys bay beach, Buncrana, 55.113528, -7.468302 | Sand Shore LS2 | Common Gull | 1 | Sand Shore LS2 | Roosting | JOS | | | | | | |
| 16/08/2016 | Lough Foyle, Aught, 55.105663, -7.213010 | Mud Shore LS4 | Common Gull | 2 | Mud Shore LS4 | Perched on shingle | JOS | | | | | | |



| | | | W | ildfowl D | istribution Surveys | | |
|------------|--|-------------------|----------------|-----------------|----------------------------|-------------------------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Mud Shore LS4 | Common gull | 3 | Mud Shore LS4 | Feeding on mud shore | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Mud Shore LS4 | Common Gull | 5 | Mud Shore LS4 | Feeding/roosting on mud shore | Jos |
| 16/08/2016 | Lough Foyle, Aught, 55.105663, -7.213010 | Sand shore LS2 | Common Gull | 7 | Sand shore LS2 | Roosting on sand shore. | Jos |
| 16/08/2016 | Lough Foyle, Coney road, 55.066184, -7.253895 | Mud Shore LS4 | Common Gull | 72 | Mud Shore LS4 | Feeding/roosting on mud shore | Jos |
| 20/09/2016 | Lough Foyle | MW2 | Common Gull | 13 | MW2, (Sea inlets and bays) | | HH, TR |
| 05/10/2016 | Lough Foyle | MW2 | Common Gull | 13 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Common Gull | 4 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Common Gull | 12 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Common Gull | 2 | MW2, (Sea inlets and bays) | | TR |
| 10/02/2017 | Lough Foyle | | Common Gull | 2 | MW4, (Estuaries) | On Water | TR |
| 28/02/2017 | Lough Foyle | | Common Gull | 2 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Common Gull | 5 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lady's Bay Buncrana | | Common Gull | 10 | LS2, (Sand shores) | Above Water | TR |
| 14/03/2017 | | | Common Gull | 2 | MW4, (Estuaries) | Above Water | TR |
| 14/03/2017 | | | Common Gull | 6 | MW4, (Estuaries) | On Water | TR |
| 14/03/2017 | | | Common Gull | 10 | MW4, (Estuaries) | Above Water | TR |



| | | | W | ildfowl D | istribution Surveys | | |
|------------|-----------------------|------------------|----------------|-----------------|--|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 28/03/2017 | | | Common Gull | 2 | Above Water | Above Water | TR |
| 28/03/2017 | | | Common Gull | 3 | On Water | On Water | TR |
| 28/03/2017 | | | Common Gull | 14 | LS2, (Sand shores) | Above Water | TR |
| 28/08/2017 | Vances Point | | Common Gull | 1 | MW2, (Sea inlets and bays) | On Water | AOD |
| 28/08/2017 | Culmore Landfill Site | | Common Gull | 2 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | Ture Point | | Common Gull | 2 | MW2, (Sea inlets and bays) | On Water | AOD |
| 28/08/2017 | South of Carrowkeel | | Common Gull | 3 | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/08/2017 | Sand Point | | Common Gull | 4 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 28/08/2017 | Culmore Point | | Common Gull | 20 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | Rinenore Point | | Common Gull | 26 | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/08/2017 | Quigleys Point | | Common Gull | 29 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | Quigleys Point | | Common Gull | 90 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 29/08/2017 | Inch levels fields | | Common Gull | 1 | GA1, (Improved agricultural grassland) | Terrestrial | AOD |
| 29/08/2017 | Buncrana beach | | Common Gull | 1 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 29/08/2017 | Inch levels Hide | | Common Gull | 170 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 29/08/2017 | Banket Nook | | Common Gull | 675 | MW2, (Sea inlets and bays) | Above Water | AOD |



| | | | W | ildfowl D | istribution Surveys | | |
|------------|------------------------|------------------|----------------|-----------------|----------------------------|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 16/09/2017 | Rinenore Point | | Common Gull | 2 | MW2, (Sea inlets and bays) | Flying | AOD |
| 16/09/2017 | Vances Point | | Common Gull | 2 | MW2, (Sea inlets and bays) | | AOD |
| 16/09/2017 | Ture Point | | Common Gull | 8 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Blanket Nook | | Common Gull | 9 | MW2, (Sea inlets and bays) | On Water | AOD |
| 16/09/2017 | Culmore Point | | Common Gull | 11 | MW2, (Sea inlets and bays) | Flying | AOD |
| 16/09/2017 | Inch Levels South Hide | | Common Gull | 17 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Sandpoint | | Common Gull | 1 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Culmore Point | | Common Gull | 8 | MW2, (Sea inlets and bays) | On Water | AOD |
| 28/09/2017 | Rinenore Point | | Common Gull | 9 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Whitecastle | | Common Gull | 18 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Ture Point | | Common Gull | 22 | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/09/2017 | Blanket Nook | | Common Gull | 30 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Rinenore Point | | Common Gull | 52 | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/09/2017 | Culmore Landfill | | Common Gull | 53 | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/09/2017 | Inch Levels South Hide | | Common Gull | 80 | MW2, (Sea inlets and bays) | Flying | AOD |
| 01/02/2018 | Buncrana Pier | | Common Gull | 3 | MW2, (Sea inlets and bays) | Terrestrial | AOD |

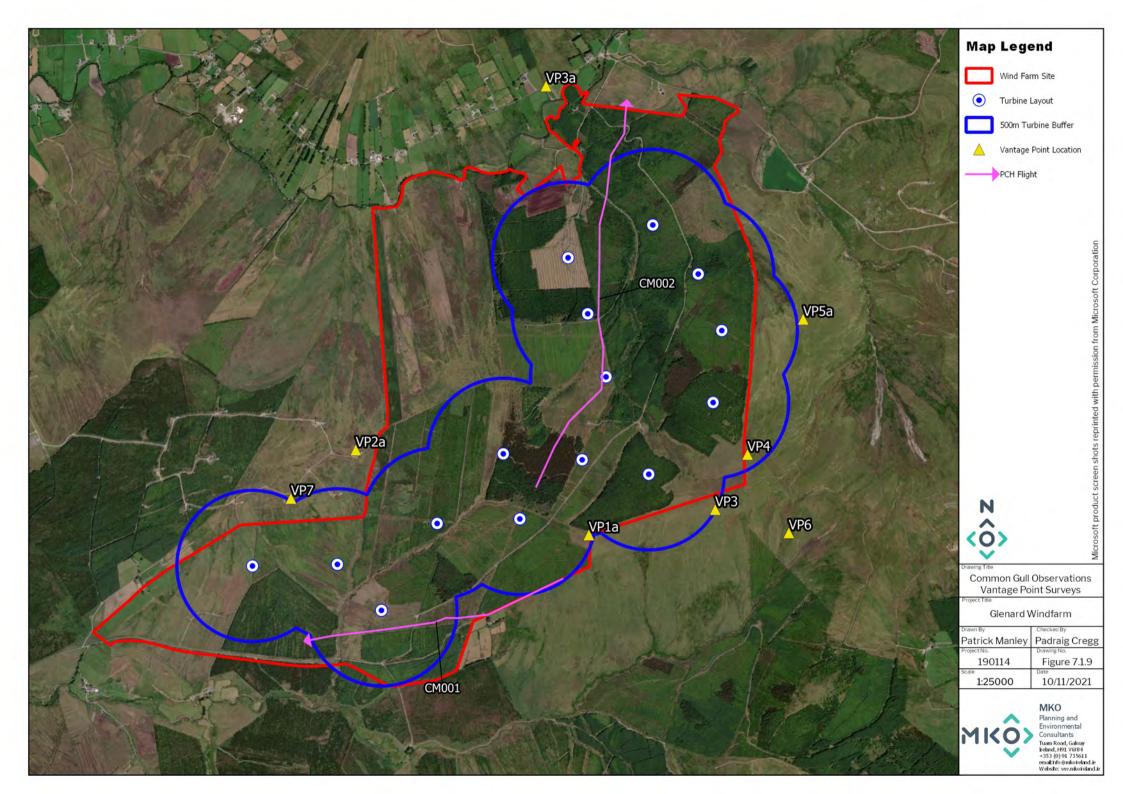


| | | | W | ildfowl D | histribution Surveys | | |
|------------|--------------------------|------------------|----------------|-----------------|--|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 01/02/2018 | Crana estuary | | Common Gull | 8 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 01/02/2018 | Carrowkeel | | Common Gull | 12 | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 01/02/2018 | Culmore Point | | Common Gull | 25 | MW2, (Sea inlets and bays) | On Water | AOD |
| 19/02/2018 | White strand Buncrana | | Common Gull | 3 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 19/02/2018 | Inch | | Common Gull | 9 | MW2, (Sea inlets and bays) | Flying | AOD |
| 19/02/2018 | Crana estuary | | Common Gull | 12 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Ture point | | Common Gull | 6 | MW2, (Sea inlets and bays) | Flying | AOD |
| 20/02/2018 | Rinemore point | | Common Gull | 9 | MW2, (Sea inlets and bays) | Flying | AOD |
| 20/02/2018 | Quigleys point | | Common Gull | 12 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Carrowkeel | | Common Gull | 12 | MW2, (Sea inlets and bays) | On Water | AOD |
| 20/02/2018 | Vances point | | Common Gull | 14 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Quigleys point | | Common Gull | 22 | MW2, (Sea inlets and bays) | On Water | AOD |
| 20/02/2018 | Culmore Point | | Common Gull | 42 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Sand Point | | Common Gull | 50 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/04/2018 | Crana River Lough Swilly | | Common Gull | 18 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 09/05/2018 | Crana River Lough Swilly | | Common Gull | 8 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |



| | Wildfowl Distribution Surveys | | | | | | | | | | | | |
|------------|---|--|----------------|----|--|--|-----|--|--|--|--|--|--|
| Date | Date Location Location Species No. of Habitat Activity Surveyor Code birds | | | | | | | | | | | | |
| 09/05/2018 | Foyle Estuary | | Common | 29 | MW4, (Estuaries) MW2, (Sea inlets and | MW4, (Estuaries) MW2, (Sea inlets and | ND | | | | | | |
| 26/05/2018 | Foyle Estuary | | Gull Common | 3 | bays) LS2, (Sand shores) MW4, (Estuaries) MW2, (Sea inlets and | bays) LS2, (Sand shores) MW4, (Estuaries) MW2, (Sea inlets and | ND | | | | | | |
| 20/03/2010 | Toyle Listuary | | Gull | 3 | bays) LS2, (Sand shores) | bays) LS2, (Sand shores) | TID | | | | | | |

| | Incidental Observations | | | | | | | | | | |
|------------|-------------------------|-------------|--------------|--|----------|--|--|--|--|--|--|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor | | | | | | |
| 09/01/2017 | Waterfowl Survey | Common Gull | | | AR | | | | | | |
| 27/01/2017 | Waterfowl Survey | Common Gull | | | AR | | | | | | |
| 05/05/2017 | Waterfowl Survey | Common Gull | | | AR | | | | | | |
| 05/06/2018 | Breeding Raptor Survey | Common Gull | 6 | GA1, (Improved agricultural grassland) feeding in silage cut field | AOD | | | | | | |



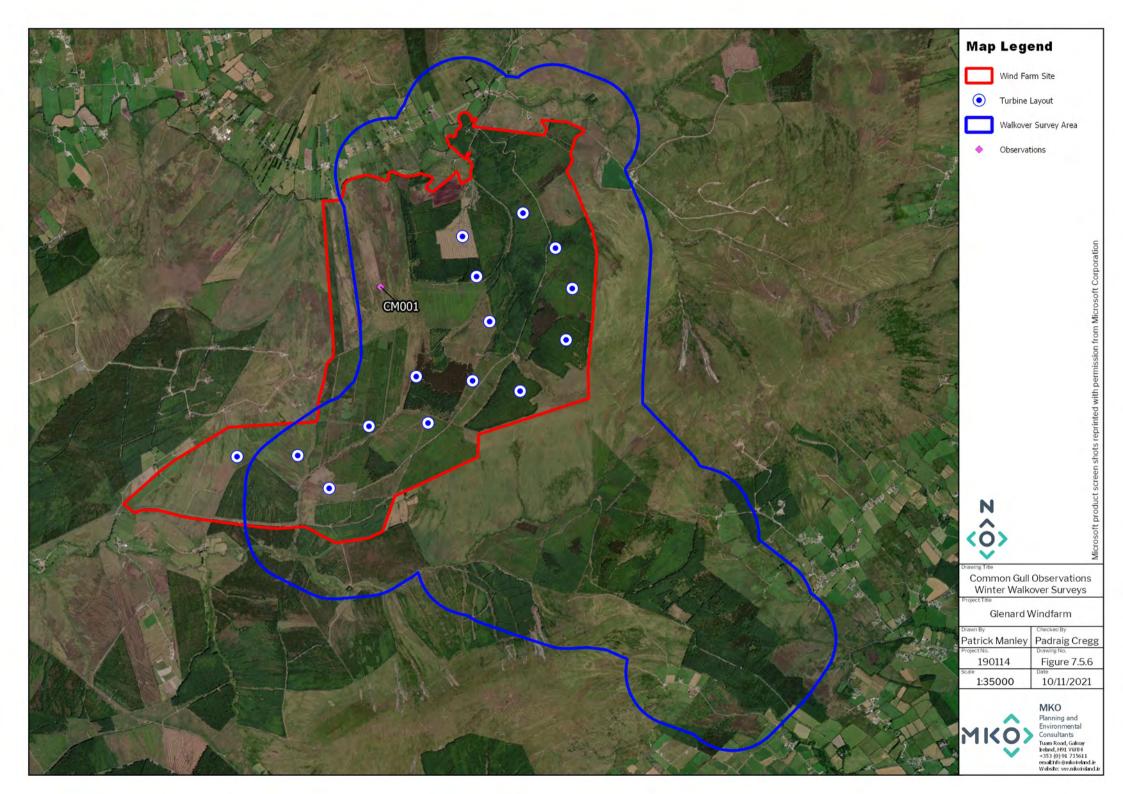




Table 12 Grey Heron Survey Data

| | | | | | | | Vai | ntage Po | int Surve | ys | | |
|-------------|------------|------|---------------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| H001 | 15/10/2016 | VP5a | Grey Heron | 1 | 08:11:00 | 66 | 0 | 66 | 0 | WD4, (Conifer plantation) Flying N. over conifers in PCH. | | AR |
| H002 | 30/10/2016 | VP6 | Grey Heron | 1 | 07:26:00 | 43 | 10 | 33 | 0 | FW1, (Eroding/upland rivers) WD4, (Conifer plantation) WD4, (Conifer plantation) Flying west | Flying west over site, landing in river. | AR |
| H003 | 13/12/2016 | VP4 | Grey Heron | 1 | 11:22:00 | 30 | 0 | 30 | 0 | HH3, (Wet heath) In flight towards reservoir | Flying NW along site boundary possibly towards reservoir | AR |
| H0012 | 11/03/2017 | VP3 | Grey Heron | 1 | 18:41:00 | 31 | 0 | 31 | 0 | WD4, (Conifer plantation) In flight | Flying SW over site within PCH. | AR |
| H004 | 29/03/2017 | VP4 | Grey Heron | 1 | 17:05:00 | 71 | 0 | 71 | 0 | WD4, (Conifer plantation) In flight | Travelling NE within PCH towards reservoir | AR |
| H005 | 09/05/2017 | VP1a | Grey Heron | 3 | 09:42:00 | 40 | | 40 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) flying | 3 Herons flew in from SE (behind VP1a, 300M TO E) calling, descending from 70m to 50m over ground, out of view when passing over conifer forest due to trees cover obstruction. | ND |
| H006 | 22/09/2017 | VP5a | Grey Heron | 1 | 15:14:00 | 59 | 0 | 59 | 0 | PB2, (Upland blanket bog) In flight | Flying west offsite towards reservoir. | AR |
| H007 | 12/10/2017 | VP3 | Grey Heron | 1 | 08:11:00 | 62 | 0 | 62 | 0 | PB2, (Upland blanket bog) In flight | Individual flying NW over site within PCH in straight flightpath | AR |
| H008 | 27/10/2017 | VP2a | Grey Heron | 1 | 11:12:00 | 95 | 0 | 95 | 0 | HH3, (Wet heath) WD4, (Conifer plantation) In flight | In flight NE over site in PCH. | AR |
| H009 | 18/12/2017 | VP2a | Grey Heron | 1 | 09:41:00 | 91 | 0 | 91 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) In flight | Flying east over site | AR |
| H0010 | 26/05/2018 | VP3 | Grey Heron | 1 | 18:10:00 | 16 | 16 | | | PB2, (Upland blanket bog) WD4, (Conifer plantation) HH3, (Wet heath) Traversing Site area | | ND |



| | | | | | | | Vai | ntage Po | int Surve | ys | | |
|-------------|------------|------|---------------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| H0011 | 21/09/2018 | VP3 | Grey Heron | 1 | 11:18:00 | 70 | | 70 | | PB2, (Upland blanket bog) GS4, (Wet grassland) TRAVELLING | | AOD |
| H0013 | 07/10/2018 | VP1 | Grey Heron | 1 | 15:05:00 | 135 | 0 | 135 | 0 | WD4, (Conifer plantation) HH3, (Wet heath) In flight | Flying NE offsite in PCH | AR |
| H0014 | 14/10/2018 | VP2 | Grey Heron | 1 | 15:10:00 | 31 | 0 | 31 | 0 | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) In flight | Flying low over north of site along river. Calling | AR |
| H0015 | 11/04/2019 | VP5 | Grey Heron | 1 | 07:23:00 | 55 | | 55 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) | | JB |
| H0016 | 18/04/2019 | VP4 | Grey Heron | 1 | 09:03:00 | 12 | | 12 | | WD4, (Conifer plantation) Travelling | | ЈВ |
| H0017 | 26/06/2019 | VP3a | Grey Heron | 1 | 09:39:00 | 72 | 72 | | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) crossed valley from south to north. Travelled on over forestry until out of view | crossed valley from south to north. Travelled on over forestry until out of view | ND |

| | Winter Walkover Surveys | | | | | | | | | | | |
|---|--|----------|------------|---|--|---|----|--|--|--|--|--|
| Map Ref. | ap Ref. Date Time Species No. of birds Sex/age Habitat and Activity Surveyor | | | | | | | | | | | |
| H001 | 29/10/2016 | 13:30:00 | Grey Heron | 1 | | PB2, (Upland blanket bog) Flying SW | AR | | | | | |
| H002 | 18/12/2016 | 09:07:00 | Grey Heron | 1 | | WD4, (Conifer plantation) In flight over north boundary | AR | | | | | |
| H003 18/12/2016 14:25:00 Grey Heron 1 FW4, (Drainage ditches) In flight from stream | | | | | | | AR | | | | | |
| H004 | 18/03/2017 | 11:24:00 | Grey Heron | 1 | | HH3, (Wet heath) Flying North | AR | | | | | |



| | | | | Wildfo | wl Distribution Surveys | | |
|------------|---|----------------------|---------------|-----------------|----------------------------|---|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 16/08/2016 | Lough Foyle, Quigleys Point, 55.125022, -7.189295 | Mud Shore LS4 | Grey Heron | 1 | Mud Shore LS4 | Band 1. | JOS |
| 16/08/2016 | Lough Foyle, Aught, 55.105663, -7.213010 | Shingle shore LS1 | Grey Heron | 1 | Shingle shore LS1 | | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Mud Shore LS4 | Grey Heron | 5 | Mud Shore LS4 | Feeding/roosting on mud shore | JOS |
| 16/08/2016 | Lough Foyle, Coney road, 55.066184, -7.253895 | Mud Shore LS4 | Grey Heron | 1 | Mud Shore LS4 | Feeding | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Shingle shore LS1 | Grey Heron | 1 | Shingle shore LS1 | | JOS |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, -7.253809 | Sand shore LS2 | Grey Heron | 1 | Sand shore LS2 | Roosting on shore, disturbed by surveyor, lifts from shore flies north. | JOS |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, -7.253809 | Shingle Shore LS1 | Grey Heron | 1 | Shingle Shore LS1 | Likely individual that flew N earlier. Lands on shingle shore. | JOS |
| 01/09/2016 | Lough Foyle, Coney road, 55.066184, -7.253895 | Estuary MW4 | Grey Heron | 1 | Estuary MW4 | Hunting | JOS |
| 01/09/2016 | Lough Foyle, Coney road, 55.066184, -7.253895 | Estuary MW4 | Grey Heron | 1 | Estuary MW4 | Feeding on shore. | JOS |
| 01/09/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | | Grey Heron | 1 | | Flies N. | JOS |
| 01/09/2016 | Lough Foyle, Drumskellan, 55.090511, -7.232631 | Sand shore LS2 | Grey Heron | 1 | Sand shore LS2 | | JOS |
| 01/09/2016 | Lough Foyle, Aught, 55.103160, -7.214660 | Shingle shore LS1 | Grey Heron | 1 | Shingle shore LS1 | Hunting. | JOS |
| 01/09/2016 | Lough Foyle, Three trees, 55.115854, -7.206962 | Shingle shore LS1 | Grey Heron | 1 | Shingle shore LS1 | Roosting on shingle. | Jos |
| 01/09/2016 | Lough Turk, 55.168577, - 7.300327 | Lake | Grey Heron | 1 | Lake | On water. | Jos |
| 01/09/2016 | Lough Foyle, Ardmore lower, 55.068217, -7.255450 | Shingle shore LS1 | Grey Heron | 1 | Shingle shore LS1 | Roosting. | Jos |
| 20/09/2016 | Lough Foyle | MW2 | Grey Heron | 6 | MW2, (Sea inlets and bays) | | HH, TR |



| | | | | Wildfo | wl Distribution Surveys | | |
|------------|-------------|------------------|---------------|-----------------|----------------------------|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 30/11/2016 | Lough Foyle | | Grey Heron | 2 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Grey Heron | 2 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Grey Heron | 1 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Grey Heron | 1 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Grey Heron | 3 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Grey Heron | 2 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Grey Heron | 1 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Grey Heron | 2 | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Grey Heron | 1 | MW2, (Sea inlets and bays) | Perched | TR |
| 10/02/2017 | Lough Foyle | | Grey Heron | 5 | MW4, (Estuaries) | Wading | TR |
| 10/02/2017 | Lough Foyle | | Grey Heron | 4 | MW4, (Estuaries) | Above Water | TR |
| 10/02/2017 | Lough Foyle | | Grey Heron | 2 | MW4, (Estuaries) | Above Water | TR |
| 10/02/2017 | Lough Foyle | | Grey Heron | 2 | MW4, (Estuaries) | Wading | TR |
| 28/02/2017 | Lough Foyle | | Grey Heron | 1 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Grey Heron | 1 | MW4, (Estuaries) | Above Water | TR |
| 14/03/2017 | | | Grey Heron | 2 | MW4, (Estuaries) | Wading | TR |



| | | | | Wildfo | wl Distribution Surveys | | |
|------------|------------------------|------------------|---------------|-----------------|--|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 28/03/2017 | | | Grey Heron | 1 | | Above Water | TR |
| 28/03/2017 | | | Grey Heron | 9 | | Wading | TR |
| 28/03/2017 | | | Grey Heron | 2 | | Above Water | TR |
| 28/03/2017 | | | Grey Heron | 1 | | Above Water | TR |
| 28/08/2017 | Culmore Point | | Grey Heron | 3 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 28/08/2017 | Culmore Landfill Site | | Grey Heron | 6 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | Sand Point | | Grey Heron | 9 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 28/08/2017 | Ture Point | | Grey Heron | 2 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | South of Carrowkeel | | Grey Heron | 5 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 29/08/2017 | Inch levels fields | | Grey Heron | 2 | GA1, (Improved agricultural grassland) | Terrestrial | AOD |
| 29/08/2017 | Banket Nook | | Grey Heron | 6 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 16/09/2017 | Blanket Nook | | Grey Heron | 7 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Inch Levels South Hide | | Grey Heron | 4 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Rinenore Point | | Grey Heron | 1 | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/09/2017 | Blanket Nook | | Grey Heron | 3 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Culmore Landfill | | Grey Heron | 2 | MW2, (Sea inlets and bays) | Terrestrial | AOD |



| | | | | Wildfo | wl Distribution Surveys | | |
|------------|----------------------|------------------|---------------|-----------------|--|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 28/09/2017 | Whitecastle | | Grey Heron | 2 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 31/10/2016 | | | Grey Heron | 1 | | | AR |
| 09/01/2017 | | | Grey Heron | | | | AR |
| 27/01/2017 | | | Grey Heron | | | | AR |
| 22/10/2017 | | | Grey Heron | | | | AR |
| 19/11/2017 | | | Grey Heron | | | | AR |
| 02/12/2017 | | | Grey Heron | | | | AR |
| 22/12/2017 | | | Grey Heron | | | | AR |
| 02/01/2018 | | | Grey Heron | | | | AR |
| 21/01/2018 | | | Grey Heron | | | | AR |
| 04/03/2018 | | | Grey Heron | | | | AR |
| 01/02/2018 | Culmore country park | | Grey Heron | 5 | MW2, (Sea inlets and bays) | Oyster farming distubing birds here | AOD |
| 01/02/2018 | Rinemore point | | Grey Heron | 1 | MW2, (Sea inlets and bays) | Oyster farming distubing birds here | AOD |
| 19/02/2018 | Inch | | Grey Heron | 3 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 20/02/2018 | Whitecastle | | Grey Heron | 1 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 21/04/2018 | Lough foyle | | Grey Heron | 4 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |

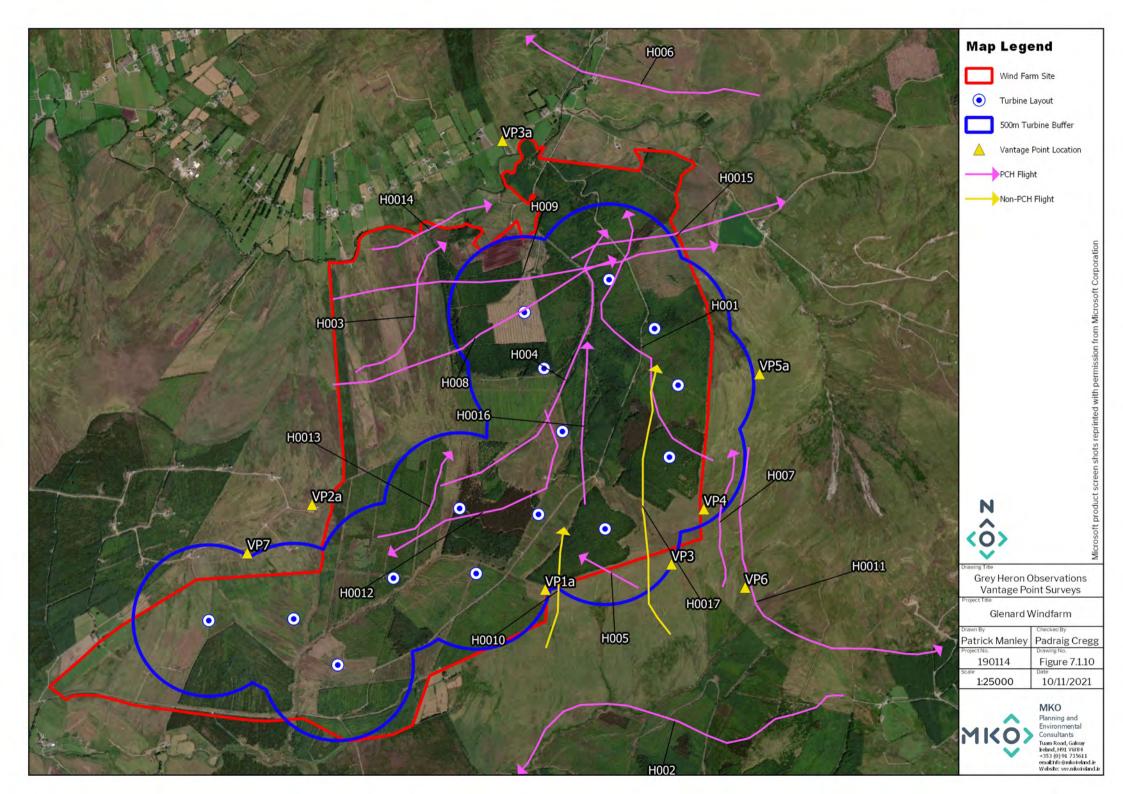


| | | | | Wildfo | wl Distribution Surveys | | |
|------------|---------------------|------------------|---------------|-----------------|---|---|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 29/04/2018 | Lough foyle | | Grey Heron | 1 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 06/05/2018 | Inch Lough / Levels | | Grey Heron | 1 | CW1, (Lagoons and saline lakes) FS2, (Tallherb swamps) GS4, (Wet grassland) | CW1, (Lagoons and saline lakes) FS2, (Tallherb swamps) GS4, (Wet grassland) | ND |
| 09/05/2018 | Foyle Estuary | | Grey Heron | 4 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 26/05/2018 | Foyle Estuary | | Grey Heron | 11 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 31/05/2018 | Inch Lough / Levels | | Grey Heron | 8 | CW1, (Lagoons and saline lakes) | On Water | ND |
| 21/11/2018 | Fullerton dam | | Grey Heron | 1 | Feeding on river | Above Water | AOD |
| 18/12/2018 | Owenkillew river | | Grey Heron | 1 | Flushed, flew west | Above Water | AOD |
| 21/01/2019 | Owenkillew river | | Grey Heron | 1 | Flushed from river flew west | Above Water | AOD |
| 06/02/2019 | Crana river | | Grey Heron | 1 | FW1, (Eroding/upland rivers) Flushed from river. called | Flying | AOD |

| | Incidental Observations | | | | | | | | | | | |
|------------|-------------------------|------------|--------------|-------------------------|----------|--|--|--|--|--|--|--|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor | | | | | | | |
| 17/12/2016 | During HH roost survey | Grey Heron | 1 | In flight north of site | AR | | | | | | | |
| 23/01/2017 | During HH dusk survey | Grey Heron | | Flying west offsite | AR | | | | | | | |
| 12/03/2017 | During HH roost survey | Grey Heron | | Flying south over site | AR | | | | | | | |
| 09/07/2017 | Glenard | Grey Heron | 2 | along riverside | AR | | | | | | | |
| 21/10/2017 | HH Roost Survey | Grey Heron | 1 | In flight | AR | | | | | | | |
| 30/11/2017 | HH Roost Survey | Grey Heron | 1 | In flight | AR | | | | | | | |



| | Incidental Observations | | | | | | | | | | |
|------------|---|------------|---|-------------------|-----|--|--|--|--|--|--|
| Date | Survey Type Species No. of Birds Notes Survey | | | | | | | | | | |
| 27/01/2018 | During HH roost survey | Grey Heron | | In flight offsite | AR | | | | | | |
| 06/02/2019 | HHVP7 | Grey Heron | 1 | Flying | AOD | | | | | | |



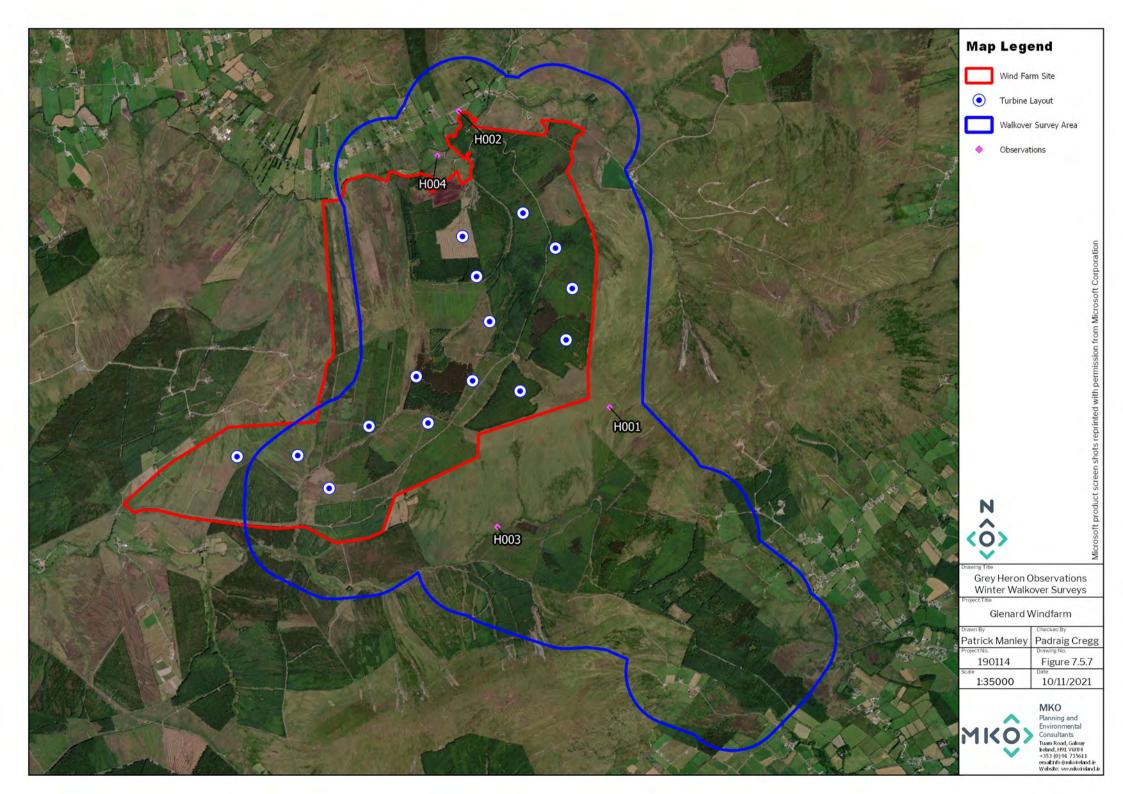




Table 13 Greylag Goose Survey Data

| | | | | | | | Vantage | Point Su | ırveys | | | |
|-------------|------------|------|------------------|-----------------|-------------------|---------------------------|-------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0-25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| GJ001 | 20/11/2016 | VP4 | Greylag Goose | 3 | 13:50:00 | 35 | 0 | 0 | 35 | HH3, (Wet heath) WD4, (Conifer plantation) In flight over site | Flying SW above PCH offsite | AR |
| GJ002 | 04/12/2016 | VP1a | Greylag Goose | 6 | 12:13:00 | 55 | 0 | 55 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) Flying SW along site boundary | Flying south west along site boundary across Sorne Hill | AR |
| GJ003 | 19/01/2018 | VP3 | Greylag Goose | 125 | 13:05:00 | 63 | 0 | 63 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) In flight | Flying west in PCH towards Inch Levels. Flew out of sight. | AR |
| GJ004 | 08/02/2018 | VP2a | Greylag Goose | 5 | 07:56 | 35 | | | 35 | WD4, (Conifer plantation) Calling flock flew over site heading NW | | AOD |
| GJ005 | 29/03/2019 | VP2 | Greylag Goose | 23 | 07:14:00 | 95 | | 95 | | WD4, (Conifer plantation) Calling flock flying east. likely moving to staging grounds for migration | N/A | AOD |

| | Wildfowl Distribution Surveys | | | | | | | | | | | |
|------------|--|------------------|------------------|-----------------|---|-----------------|----------|--|--|--|--|--|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor | | | | | |
| 01/12/2016 | Lough Turk, Carrowmore Turlough, Grassland Fields, Lissfannon shore and Lough Foyle | FL7 | Greylag Goose | 4 | FL7, (Reservoirs) | calling/feeding | AR | | | | | |
| 10/12/2016 | Inch level 3 | | Greylag Goose | 1 | BC1, (Arable crops) GA1, (Improved agricultural grassland) | Feeding | TR | | | | | |
| 10/12/2016 | Inch level 2 | | Greylag Goose | 23 | BC1, (Arable crops) GA1, (Improved agricultural grassland) | Feeding | TR | | | | | |
| 10/12/2016 | Inch level 4 | | Greylag Goose | 44 | GA1, (Improved agricultural grassland) | Feeding | TR | | | | | |



| | | Wild | dfowl Distri | ibution S | urveys | | |
|------------|--------------|------------------|------------------|-----------------|---|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 10/12/2016 | Inch Level 1 | | Greylag Goose | 1021 | BC1, (Arable crops) GA1, (Improved agricultural grassland) | Feeding | TR |
| 20/12/2016 | Inch Levels | | Greylag Goose | 1122 | BC1, (Arable crops) GA1, (Improved agricultural grassland) | | TR |
| 09/01/2017 | Inch Lough | 11 | Greylag Goose | 4 | FL8, (Other artificial lakes and ponds) | Feeding in lake | AR |
| 09/01/2017 | Inch Levels | 13 | Greylag Goose | 62 | GA1, (Improved agricultural grassland) | In flight in Improved agricultural grassland | AR |
| 09/01/2017 | Inch Levels | 15 | Greylag Goose | 290 | GA1, (Improved agricultural grassland) | Feeding/calling | AR |
| 09/01/2017 | Inch Levels | 16 | Greylag Goose | 302 | GA1, (Improved agricultural grassland) | Feeding in grassland fields | AR |
| 27/01/2017 | Inch Levels | 8 | Greylag Goose | 110 | GA1, (Improved agricultural grassland) | Feeding in grassland fields | AR |
| 27/01/2017 | Inch Levels | 5 | Greylag Goose | 131 | GA1, (Improved agricultural grassland) | Feeding, some in flight into field | AR |
| 27/01/2017 | Inch Levels | 2 | Greylag Goose | 158 | GA1, (Improved agricultural grassland) | Feeding/calling | AR |
| 27/01/2017 | Inch Levels | 7 | Greylag Goose | 311 | GA1, (Improved agricultural grassland) | Feeding amongst WS | AR |
| 10/02/2017 | Lough Foyle | | Greylag Goose | 30 | GA1, (Improved agricultural grassland) | At far side of estuary behind tall bank | TR |
| 10/02/2017 | Lough Swilly | 2006 | Greylag Goose | 34 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 10/02/2017 | Lough Swilly | 2007 | Greylag Goose | 519 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 28/02/2017 | Inch Level | 2011 | Greylag Goose | 164 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 28/02/2017 | Inch Level | 2012 | Greylag Goose | 361 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 28/02/2017 | Inch Level | 2012 | Greylag Goose | 405 | GA1, (Improved agricultural grassland) | Terrestrial | TR |



| | | Wild | dfowl Distri | bution S | urveys | | |
|------------|--------------------|------------------|------------------|-----------------|---|-----------------------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 14/03/2017 | | | Greylag Goose | 130 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 14/03/2017 | | | Greylag Goose | 235 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 28/03/2017 | | | Greylag Goose | 1 | MW4, (Estuaries) | On Water | TR |
| 28/03/2017 | | | Greylag Goose | 9 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 28/03/2017 | | | Greylag Goose | 112 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 28/03/2017 | | | Greylag Goose | 208 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 08/04/2017 | Inch levels | | Greylag Goose | 39 | GA1, (Improved agricultural grassland) | Flying into grassland field | AR |
| 08/04/2017 | Inch levels | | Greylag Goose | 99 | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 08/04/2017 | Inch levels | | Greylag Goose | 200 | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 20/04/2017 | Inch levels | | Greylag Goose | 131 | GA1, (Improved agricultural grassland) | Feeding amongst WS | AR |
| 21/05/2017 | Inch levels | | Greylag Goose | 2 | FL8, (Other artificial lakes and ponds) | Feeding in Inch lake | AR |
| 29/08/2017 | Inch levels fields | | Greylag Goose | 15 | GA1, (Improved agricultural grassland) | Terrestrial | AOD |
| 29/08/2017 | Inch levels Hide | | Greylag Goose | 92 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 29/08/2017 | Banket Nook | | Greylag Goose | 138 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Blanket Nook | | Greylag Goose | 10 | MW2, (Sea inlets and bays) | On Water | AOD |
| 28/09/2017 | Blanket Nook | | Greylag Goose | 12 | MW2, (Sea inlets and bays) | Terrestrial | AOD |



| | | Wild | dfowl Distri | ibution S | urveys | | |
|------------|-----------------|------------------|------------------|-----------------|--|-------------------------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 22/10/2017 | | IL7 | Greylag Goose | 96 | GA1, (Improved agricultural grassland) | Foraging | AR |
| 22/10/2017 | | IL3 | Greylag Goose | 141 | GA1, (Improved agricultural grassland) | Foraging | AR |
| 22/10/2017 | | II.4 | Greylag Goose | 312 | GA1, (Improved agricultural grassland) | Foraging | AR |
| 04/11/2017 | | IL3 | Greylag Goose | 121 | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 19/11/2017 | | II.4 | Greylag Goose | 102 | GA1, (Improved agricultural grassland) | Foraging in flooded fields | AR |
| 19/11/2017 | | IL2 | Greylag Goose | 140 | BC1, (Arable crops) | Foraging in flooded fields | AR |
| 02/12/2017 | | IL3 | Greylag Goose | 122 | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 22/12/2017 | | IL2 | Greylag Goose | 71 | GA1, (Improved agricultural grassland) | Feeding grassland | AR |
| 02/01/2018 | Inch Levels | IL1 | Greylag Goose | 20 | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 02/01/2018 | Inch Levels | II.4 | Greylag Goose | 26 | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 02/01/2018 | Inch Levels | IL3 | Greylag Goose | 246 | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 21/01/2018 | South Inishowen | SI1 | Greylag Goose | 41 | GA1, (Improved agricultural grassland) | In flight towards Inch Levels | AR |
| 21/01/2018 | South Inishowen | SI3 | Greylag Goose | 60 | GA1, (Improved agricultural grassland) | In flight towards Inch Levels | AR |
| 21/01/2018 | Inch Levels | IL6 | Greylag Goose | 71 | FL7, (Reservoirs) | Feeding in Inch Lake | AR |
| 21/01/2018 | Inch Levels | IL1 | Greylag Goose | 105 | GA1, (Improved agricultural grassland) | Loafing/foraging | AR |
| 21/01/2018 | South Inishowen | SI2 | Greylag Goose | 125 | GA1, (Improved agricultural grassland) | In flight towards Inch Levels | AR |



| | | Wild | lfowl Distri | bution S | ırveys | | |
|------------|---------------------|------------------|------------------|-----------------|--|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 21/01/2018 | Inch Levels | IL5 | Greylag Goose | 430 | GA1, (Improved agricultural grassland) | Foraging in grass/stubble | AR |
| 01/02/2018 | Inch Road | | Greylag Goose | 850 | GA1, (Improved agricultural grassland) | Terrestrial | AOD |
| 19/02/2018 | Inch | | Greylag Goose | 55 | MW2, (Sea inlets and bays) | On Water | AOD |
| 24/03/2018 | Inch Levels | IL7 | Greylag Goose | 30 | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 24/03/2018 | Inch Levels | IL2 | Greylag Goose | 50 | FL7, (Reservoirs) | In Inch Lake | AR |
| 24/03/2018 | Inch Levels | IL5 | Greylag Goose | 60 | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 24/03/2018 | Inch Levels | IL9 | Greylag Goose | 67 | GA1, (Improved agricultural grassland) | Feeding in grassland | AR |
| 15/04/2018 | Inch Lough / Levels | | Greylag Goose | 92 | GA1, (Improved agricultural grassland) | GA1, (Improved agricultural grassland) | ND |

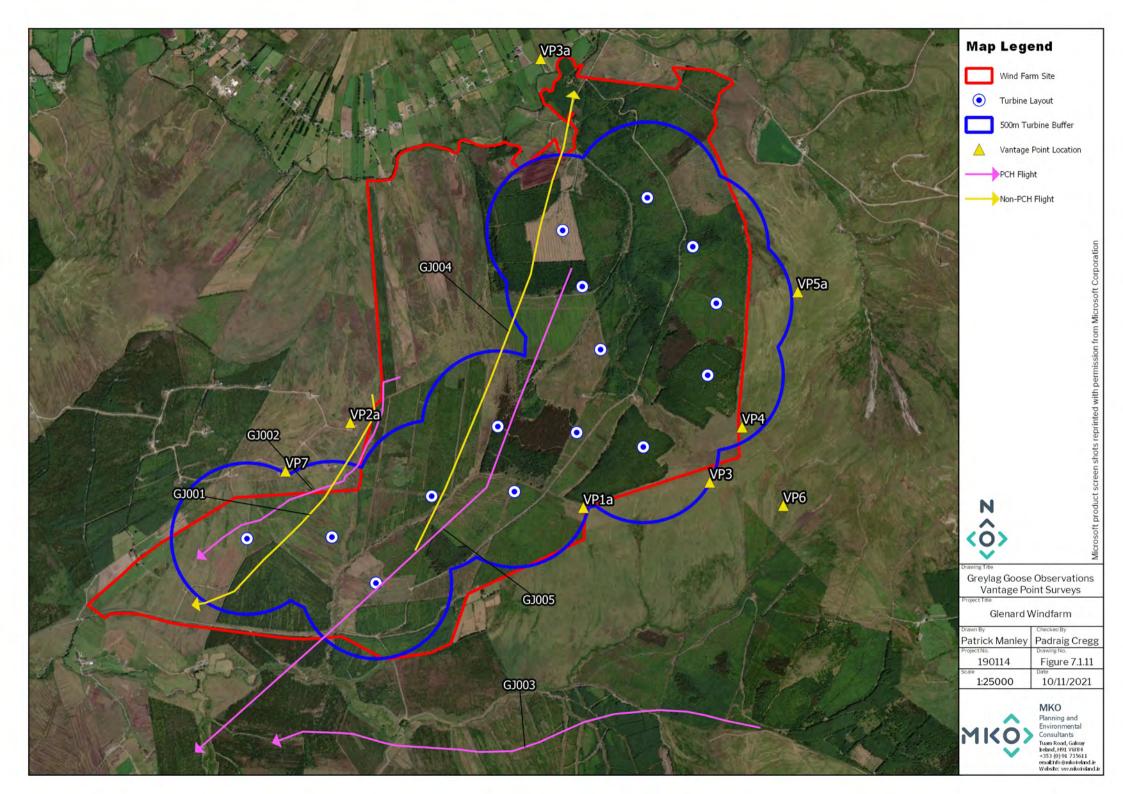




Table 14 Herring Gull Survey Data

| | | | | | | | Vanta | age Poin | t Surveys | | | |
|-------------|------------|------|-----------------|--------------------|----------------|------------------------------|-----------------------|-------------------------|--------------------------|--|-------------|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| HG001 | 26/05/2018 | VP3 | Herring Gull | 1 | 18:28:00 | 60 | 30 | 30 | | PB2, (Upland blanket bog) WD4, (Conifer plantation) HH3, (Wet heath) GB, 2LB and HG following closely in single stream of birds, observed concurrently | | ND |
| HG002 | 26/05/2018 | VP3 | Herring Gull | 4 | 18:44:00 | 82 | | 82 | | PB2, (Upland blanket bog) WD4, (Conifer plantation) HH3, (Wet heath) Traversing Site area | | ND |
| HG003 | 27/05/2018 | VP6 | Herring Gull | 1 | 17:03:00 | 202 | | 202 | | PB2, (Upland blanket bog) WD4, (Conifer plantation) HH3, (Wet heath) Flew from SE to NW / W across area of viewshed | | ND |
| HG004 | 27/05/2018 | VP6 | Herring Gull | 2 | 17:42:00 | 322 | 322 | | | PB2, (Upland blanket bog) WD4, (Conifer plantation) HH3, (Wet heath) | | ND |
| HG005 | 01/07/2018 | VP3 | Herring Gull | 1 | 15:43:00 | 45 | 10 | 35 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Traversing area | June survey | ND |
| HG006 | 10/07/2018 | VP3 | Herring Gull | 6 | 11:51:00 | 4 | 4 | | | WD4, (Conifer plantation) | | ND |
| HG007 | 15/07/2018 | VP4 | Herring Gull | 1 | 18:09:00 | 95 | | 95 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Traversing Site area S to N, passing 400m W of VP4 | | ND |
| HG008 | 21/07/2018 | VP3 | Herring Gull | 1 | 15:11:00 | 25 | | 25 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HG flew S to N c.50m over ground crossing over site | | ND |
| HG009 | 13/05/2019 | VP1a | Herring Gull | 4 | 07:22:00 | 300 | | 300 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet | | ND |



| | | | | | | | Vanta | age Poin | t Surveys | | | |
|-------------|------------|------|-----------------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| | | | | | | | | | | heath) Travelling W to E, passing over VP1a | | |
| HG0010 | 26/06/2019 | VP3a | Herring Gull | 1 | 14:12:00 | 165 | 165 | | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) flew up valley west to east then turned north | flew up valley west to east then turned north | ND |
| HG0011 | 28/06/2019 | VP6 | Herring Gull | 1 | 13:02:00 | 74 | | 74 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) From SE flew from back of Crockanure then over forest, west to SW | From SE flew from back of Crockanure then over forest, west to SW | ND |
| HG0012 | 28/06/2019 | VP6 | Herring Gull | 2 | 15:44:00 | 65 | 30 | 35 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) Flew slow into wind along forest edge. Undulating flight height and direction. Finally, out across forest, northward. | Flew slow into wind along forest edge. Undulating flight height and direction. Finally, out across forest, northward. | ND |
| HG0013 | 23/07/2019 | VP5 | Herring Gull | 1 | 13:10:00 | 22 | | | 22 | WD4, (Conifer plantation) Travelling | | ЈВ |

| | Wildfowl Distribution Surveys | | | | | | | | | | | |
|--|--|---------------|-----------------|---|---------------|----------|-----|--|--|--|--|--|
| Date Location Location Code Species No. of Habitat Activity Surv | | | | | | | | | | | | |
| 16/08/2016 | Lough Foyle, Quigleys Point, 55.125022, -7.189295 | Mud Shore LS4 | Herring Gull | 2 | Mud Shore LS4 | Roosting | JOS | | | | | |
| 16/08/2016 | , , | | | | | | | | | | | |



| | | | Wild | dfowl D | istribution Surveys | | |
|------------|--|-------------------|-----------------|-----------------|---------------------|-------------------------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 16/08/2016 | Lough Foyle, Opposite Greenbank Cottages, 55.120043, -7.202550 | Mud Shore LS4 | Herring Gull | 3 | Mud Shore LS4 | On water | JOS |
| 16/08/2016 | Lough Foyle, Opposite Greenbank Cottages, 55.120043, -7.202550 | Mud Shore LS4 | Herring Gull | 1 | Mud Shore LS4 | On water | Jos |
| 16/08/2016 | Lough Foyle, Opposite Greenbank Cottages, 55.120043, -7.202550 | Mud Shore LS4 | Herring gull | 5 | Mud Shore LS4 | On water | Jos |
| 16/08/2016 | Lough Foyle, Three trees, 55.113394, -7.208258 | Shingle shore LS1 | Herring Gull | 1 | Shingle shore LS1 | | JOS |
| 16/08/2016 | Lough Foyle, Aught, 55.105663, -7.213010 | Mud Shore LS4 | Herring Gull | 1 | Mud Shore LS4 | Sitting on water | JOS |
| 16/08/2016 | Lough Foyle, Aught, 55.105663, -7.213010 | Mud Shore LS4 | Herring Gull | 1 | Mud Shore LS4 | Sitting on water | JOS |
| 16/08/2016 | Lough Foyle, Ture, 55.093156, -7.228038 | Shingle shore LS1 | Herring Gull | 3 | Shingle shore LS1 | Roosting | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Shingle shore LS1 | Herring Gull | 2 | Shingle shore LS1 | | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Mud Shore LS4 | Herring Gull | 4 | Mud Shore LS4 | Feeding/roosting on mud shore | JOS |
| 16/08/2016 | Lough Foyle, Culmore point, 55.047009, -7.253809 | Mud Shore LS4 | Herring Gull | 16 | Mud Shore LS4 | Feeding/roosting on mud shore | JOS |
| 16/08/2016 | Lough Foyle, Coney road, 55.066184, -7.253895 | Mud Shore LS4 | Herring Gull | 10 | Mud Shore LS4 | Feeding | JOS |
| 16/08/2016 | Ladys bay beach, Buncrana, 55.122148, -7.458889 | Sand Shore LS2 | Herring Gull | 1 | Sand Shore LS2 | Roosting on sand | JOS |
| 16/08/2016 | Ladys bay beach, Buncrana, 55.118486, -7.460513 | Sand Shore LS2 | Herring Gull | 1 | Sand Shore LS2 | Swimming | JOS |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, -7.253809 | Sand shore LS2 | Herring Gull | 2 | Sand shore LS2 | | JOS |



| | | | Wild | dfowl D | istribution Surveys | | |
|------------|---|-------------------------------------|-----------------|-----------------|----------------------------------|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, -7.253809 | Shingle shore LS1 | Herring Gull | 15 | Shingle shore LS1 | Roosting on shingle with BH. Disturbed at 07:41 by dog walkers. Lift, disperse and land on shingle spit and shore further N. | JOS |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, -7.253809 | Shingle shore LS1 | Herring Gull | 2 | Shingle shore LS1 | Roosting | JOS |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, -7.253809 | Estuary MW4/Shingle shore LS1 | Herring Gull | 1 | Estuary MW4/Shingle shore LS1 | Flies S, calling. Disturbed by dog walkers. | JOS |
| 01/09/2016 | Lough Foyle, Drumskellan, 55.090511, -7.232631 | Sand shore LS2 | Herring gull | 1 | Sand shore LS2 | Roosting on shore. | JOS |
| 01/09/2016 | Lough Foyle, Aught, 55.103160, -7.214660 | Shingle shore LS1 | Herring Gull | 7 | Shingle shore LS1 | | JOS |
| 01/09/2016 | Lough Foyle, Aught, 55.106614, -7.212895 | Estuary MW4 | Herring Gull | 1 | Estuary MW4 | Flies S, low over water, band 1, | JOS |
| 01/09/2016 | Lough Foyle, Three trees, 55.115854, -7.206962 | Shingle shore LS1 | Herring Gull | 1 | Shingle shore LS1 | Roosting on shingle. | JOS |
| 01/09/2016 | Lough Foyle, N of Quigleys Point, 55.126528, -7.187948 | CC2 | Herring Gull | 5 | CC2 | On oyster trestle. | JOS |
| 01/09/2016 | Lough Foyle, N of Quigleys Point, 55.126528, -7.187948 | Shingle shore LS1 | Herring Gull | 5 | Shingle shore LS1 | Roosting on shingle | JOS |
| 01/09/2016 | Ladys bay beach, Buncrana, 55.113528, -7.468302 | Sand shore LS2 | Herring Gull | 4 | Sand shore LS2 | Roosting on sand shore. | JOS |
| 20/09/2016 | Lough Foyle | MW2 | Herring Gull | 90 | MW2, (Sea inlets and bays) | | HH, TR |
| 30/11/2016 | Lough Foyle | | Herring Gull | 22 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Herring Gull | 2 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Herring Gull | 10 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Herring Gull | 21 | MW2, (Sea inlets and bays) | | TR |



| | | | Wild | dfowl D | istribution Surveys | | |
|------------|----------------------------|---------------|-----------------|-----------------|----------------------------|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 05/12/2016 | Lough Foyle | | Herring Gull | 1 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Herring Gull | 1 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Herring Gull | 27 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Herring Gull | 5 | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lady's Bay Beach, Buncrana | | Herring Gull | 17 | LS2, (Sand shores) | | TR |
| 10/12/2016 | Lough Foyle | | Herring Gull | 7 | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Herring Gull | 10 | MW2, (Sea inlets and bays) | | TR |
| 10/02/2017 | Lough Foyle | | Herring Gull | 4 | MW4, (Estuaries) | | TR |
| 10/02/2017 | Lough Foyle | | Herring Gull | 1 | MW4, (Estuaries) | Above Water | TR |
| 10/02/2017 | Lough Foyle | | Herring Gull | 3 | MW4, (Estuaries) | Above Water | TR |
| 10/02/2017 | Lough Foyle | | Herring Gull | 1 | MW4, (Estuaries) | Above Water | TR |
| 10/02/2017 | Lough Foyle | | Herring Gull | 2 | MW4, (Estuaries) | Above Water | TR |
| 13/02/2017 | Lough Swilly | 2009 | Herring Gull | 25 | LS2, (Sand shores) | Above Water | TR |
| 28/02/2017 | Lady's Bay Buncrana | | Herring Gull | 15 | LS2, (Sand shores) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Herring Gull | 10 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Herring Gull | 8 | MW4, (Estuaries) | Above Water | TR |



| | | | Wild | fowl D | istribution Surveys | | |
|------------|---------------|---------------|-----------------|-----------------|----------------------------|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 28/02/2017 | Lough Foyle | | Herring Gull | 5 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Herring Gull | 2 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Herring Gull | 2 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Herring Gull | 2 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Herring Gull | 20 | MW4, (Estuaries) | Above Water | TR |
| 14/03/2017 | | | Herring Gull | 5 | LS2, (Sand shores) | Above Water | TR |
| 14/03/2017 | | | Herring Gull | 12 | MW4, (Estuaries) | Above Water | TR |
| 14/03/2017 | | | Herring Gull | 6 | MW4, (Estuaries) | Above Water | TR |
| 28/03/2017 | | | Herring Gull | 13 | LS2, (Sand shores) | Above Water | TR |
| 28/03/2017 | | | Herring Gull | 35 | | Terrestrial | TR |
| 28/03/2017 | | | Herring Gull | 4 | | Above Water | TR |
| 28/03/2017 | | | Herring Gull | 3 | | Above Water | TR |
| 28/03/2017 | | | Herring Gull | 1 | Terrestrial | Terrestrial | TR |
| 28/03/2017 | | | Herring Gull | 3 | | On Water | TR |
| 28/03/2017 | | | Herring Gull | 3 | | Above Water | TR |
| 28/08/2017 | Culmore Point | | Herring Gull | 15 | MW2, (Sea inlets and bays) | Above Water | AOD |



| | | | Wild | dfowl D | istribution Surveys | | |
|------------|------------------------|---------------|-----------------|-----------------|----------------------------|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 28/08/2017 | Culmore Landfill Site | | Herring Gull | 4 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | Rinenore Point | | Herring Gull | 11 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 29/08/2017 | Buncrana beach | | Herring Gull | 5 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 29/08/2017 | Banket Nook | | Herring Gull | 22 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Blanket Nook | | Herring Gull | 3 | MW2, (Sea inlets and bays) | On Water | AOD |
| 16/09/2017 | Culmore Point | | Herring Gull | 2 | MW2, (Sea inlets and bays) | Flying | AOD |
| 16/09/2017 | Ture Point | | Herring Gull | 4 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Rinenore Point | | Herring Gull | 3 | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/09/2017 | Blanket Nook | | Herring Gull | 6 | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/09/2017 | Inch Levels South Hide | | Herring Gull | 2 | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/09/2017 | Culmore Point | | Herring Gull | 2 | MW2, (Sea inlets and bays) | On Water | AOD |
| 28/09/2017 | Sandpoint | | Herring Gull | 1 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Ture Point | | Herring Gull | 9 | MW2, (Sea inlets and bays) | Flying | AOD |
| 28/09/2017 | Vances Point | | Herring Gull | 2 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 01/02/2018 | Culmore Point | | Herring Gull | 5 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 01/02/2018 | Culmore country park | | Herring Gull | 7 | MW2, (Sea inlets and bays) | Terrestrial | AOD |



| | | | Wil | dfowl D | istribution Surveys | | |
|------------|--------------------------|---------------|-----------------|-----------------|--|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 01/02/2018 | Ture point | | Herring Gull | 3 | MW2, (Sea inlets and bays) | Flying | AOD |
| 01/02/2018 | Carrowkeel | | Herring Gull | 7 | MW2, (Sea inlets and bays) | Flying | AOD |
| 01/02/2018 | Whitecastle | | Herring Gull | 3 | MW2, (Sea inlets and bays) | On Water | AOD |
| 01/02/2018 | Buncrana Pier | | Herring Gull | 3 | MW2, (Sea inlets and bays) | Flying | AOD |
| 01/02/2018 | Crana estuary | | Herring Gull | 4 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 19/02/2018 | White strand Buncrana | | Herring Gull | 8 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 19/02/2018 | Buncrana Pier | | Herring Gull | 3 | MW2, (Sea inlets and bays) | On Water | AOD |
| 19/02/2018 | Crana estuary | | Herring Gull | 17 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Whitecastle | | Herring Gull | 4 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Creehennan | | Herring Gull | 7 | MW2, (Sea inlets and bays) | On Water | AOD |
| 20/02/2018 | Quigleys point | | Herring Gull | 8 | MW2, (Sea inlets and bays) | Feeding | AOD |
| 20/02/2018 | Carrowkeel | | Herring Gull | 4 | MW2, (Sea inlets and bays) | On Water | AOD |
| 20/02/2018 | Ture point | | Herring Gull | 4 | MW2, (Sea inlets and bays) | Flying | AOD |
| 20/02/2018 | Culmore Point | | Herring Gull | 20 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/04/2018 | Crana River Lough Swilly | | Herring Gull | 53 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | Above Water | ND |



| | | | Wild | lfowl Di | stribution Surveys | | |
|------------|--------------------------|---------------|-----------------|-----------------|--|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 21/04/2018 | Lough foyle | | Herring Gull | 20 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | On Water | ND |
| 28/04/2018 | Crana River Lough Swilly | | Herring Gull | 40 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | Above Water | ND |
| 29/04/2018 | Lough foyle | | Herring Gull | 9 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | On Water | ND |
| 09/05/2018 | Crana River Lough Swilly | | Herring Gull | 23 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | On Water | ND |
| 09/05/2018 | Foyle Estuary | | Herring Gull | 42 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | On Water | ND |
| 26/05/2018 | Crana River Lough Swilly | | Herring Gull | 19 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | On Water | ND |
| 26/05/2018 | Foyle Estuary | | Herring Gull | 44 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | On Water | ND |

| | Incidental Observations | | | | | | | | | | |
|------------|-------------------------|--------------|--------------|-------|----------|--|--|--|--|--|--|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor | | | | | | |
| 05/06/2018 | Breeding Raptor Survey | Herring Gull | 4 | | AOD | | | | | | |

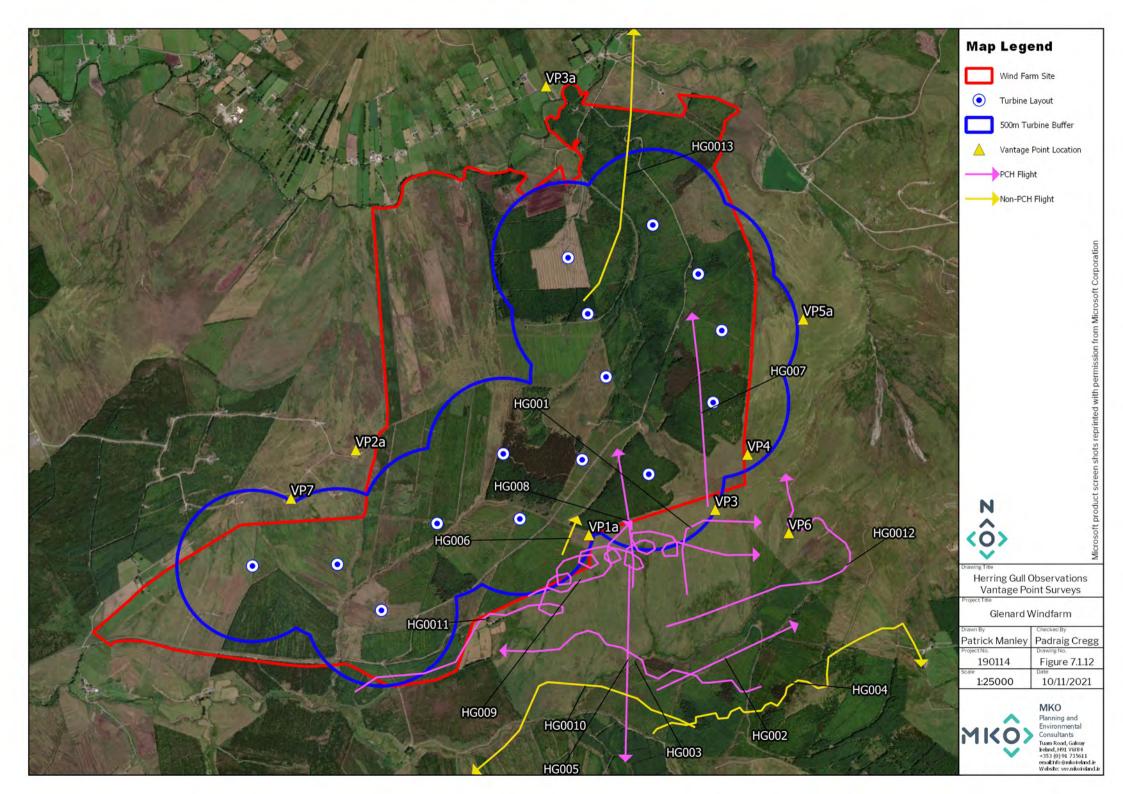




Table 15 Mallard Survey Data

| | | | | | | 7 | Vantage | Point Su | rveys | | | |
|---------------|------------|------|---------|-----------------|-------------------|---------------------------|-------------------|-------------------------|--------------------------|--|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0-25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| Not mapped | 05/11/2016 | VP1a | Mallard | 2 | 15:16:00 | | | | | PB2, (Upland blanket bog) Flying north towards reservoir | Flying north | AR |
| Not mapped | 08/01/2017 | VP1a | Mallard | 6 | 17:10:00 | | | | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Flying over southern boundary | AR |
| Not Mapped | 29/03/2017 | VP4 | Mallard | 2 | 18:05:00 | | | | | Flying north over Glenard towards dam | Flying north over Glenard towards dam | AR |
| Not Mapped | 19/04/2017 | VP5a | Mallard | 2 | 14:11:00 | 20 | 20 | 0 | 0 | PB4, (Cutover bog) FW1, (Eroding/upland rivers) flying | Flying towards river. Outside site boundary, inside 500m envelope | ND |
| Not Mapped | 21/10/2017 | VP5a | Mallard | 2 | 08:32:00 | | | | | Travelling towards dam | Travelling towards dam | AR |
| Not Mapped | 06/01/2018 | VP2a | Mallard | 3 | 12:41:00 | | | | | flight NE | In flight. NE | AR |
| Not Mapped | 28/02/2018 | VP5a | Mallard | 6 | 15:01:00 | | | | | WD4, Flight north | In flight north | AR |

| Vantage Point Non-Flight Observations | | | | | | | | | | | |
|---|-----|---------|---|----------|----------|----|--|--|--|--|--|
| Date VP Species No. of Birds Time Comments Surveyor | | | | | | | | | | | |
| 20/11/2016 | VP4 | Mallard | 2 | 14:33:00 | | AR | | | | | |
| 13/12/2016 | VP4 | Mallard | 3 | 09:21:00 | | AR | | | | | |
| 26/11/2017 | VP6 | Mallard | 2 | 15:21:00 | Foraging | AR | | | | | |



| | Breeding Walkover Surveys | | | | | | | | | | |
|--------------|---------------------------|------|---------|--------------|----------------------|----------|----------|--|--|--|--|
| Map Ref. No. | Survey Date | Time | Species | No. of birds | Habitat and Activity | Comments | Surveyor | | | | |
| MA001 | | | | | | | | | | | |

| Winter Walkover Surveys | | | | | | | | |
|-------------------------|------------|----------|--------------------------------|---|-----------------|---|----------|--|
| Map Ref. | Date | Time | e Species No. of birds Sex/age | | Sex/age | Habitat and Activity | Surveyor | |
| No flight available | 18/03/2017 | 10:01:00 | Mallard | 2 | Male and female | PB2, (Upland blanket bog) In flight/calling | AR | |

| Wildfowl Distribution Surveys | | | | | | | | |
|-------------------------------|---|------------------|---------|-----------------|----------------------------|-----------------------------------|----------|--|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor | |
| 16/08/2016 | Lough Foyle, Coney road, 55.066184, - 7.253895 | Mud Shore LS4 | Mallard | 55 | Mud Shore LS4 | Feeding/roosting on mud shore | JOS | |
| 01/09/2016 | Lough Foyle, Coney road, 55.066184, - 7.253895 | Estuary MW4 | Mallard | 3 | Estuary MW4 | On water. | JOS | |
| 20/09/2016 | Lough Foyle | MW2 | Mallard | 45 | MW2, (Sea inlets and bays) | | HH, TR | |
| 31/10/2016 | Eddie Fullerton Dam | | Mallard | 8 | FL7 | Feeding along lake edge | AR | |
| 31/10/2016 | Carrowmore | | Mallard | 3 | FL6 | Feeding at waters edge | AR | |
| 31/10/2016 | Quigleys Point | | Mallard | 6 | GA1 | Feeding in field along shore edge | AR | |
| 30/11/2016 | Lough Foyle | | Mallard | 2 | MW2, (Sea inlets and bays) | | TR | |
| 30/11/2016 | Lough Foyle | | Mallard | 8 | MW2, (Sea inlets and bays) | | TR | |
| 01/12/2016 | Lough Turk, Carrowmore Turlough, Grassland Fields, Lissfannon Shore and Lough Foyle | LS2 | Mallard | 4 | LS2, (Sand shores) | feeding | AR | |



| Wildfowl Distribution Surveys | | | | | | | | |
|-------------------------------|---|------------------|---------|-----------------|--|---------------------------------|----------|--|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor | |
| 01/12/2016 | Lough Turk, Carrowmore Turlough, Grassland Fields, Lissfannon Shore and Lough Foyle | FL7 | Mallard | 4 | FL7, (Reservoirs) | feeding | AR | |
| 01/12/2016 | Lough Turk, Carrowmore Turlough, Grassland Fields, Lissfannon Shore and Lough Foyle | FL6 | Mallard | 1 | FL6, (Turloughs) | foraging through water edge veg | AR | |
| 01/12/2016 | Lough Turk, Carrowmore Turlough, Grassland Fields, Lissfannon Shore and Lough Foyle | GA1 | Mallard | 3 | GA1, (Improved agricultural grassland) | feeding | AR | |
| 05/12/2016 | Lough Foyle | | Mallard | 46 | MW2, (Sea inlets and bays) | | TR | |
| 10/12/2016 | Lough Foyle | | Mallard | 10 | MW2, (Sea inlets and bays) | | TR | |
| 20/12/2016 | Blanket Nook | | Mallard | 15 | MW2, (Sea inlets and bays) | | TR | |
| 20/12/2016 | Lough Foyle | | Mallard | 20 | MW2, (Sea inlets and bays) | | TR | |
| 09/01/2017 | Lough Foyle | 3 | Mallard | 3 | LS1, (Shingle and gravel shores) | Feeding | AR | |
| 09/01/2017 | Eddie Fullerton Dam | 5 | Mallard | 7 | FL7, (Reservoirs) | Feeding along lake edge | AR | |
| 09/01/2017 | Lisfannon | 9 | Mallard | 3 | LS2, (Sand shores) | Feeding | AR | |
| 27/01/2017 | Inch Levels | 13 | Mallard | 4 | FL7, (Reservoirs) | Feeding in reservoir | AR | |
| 27/01/2017 | Inch Levels | 14 | Mallard | 2 | FL6, (Turloughs) | Feeding in Turlough | AR | |
| 27/01/2017 | Inch Levels | 16 | Mallard | 3 | GA1, (Improved agricultural grassland) | Feeding | AR | |
| 10/02/2017 | Lough Foyle | | Mallard | 17 | MW4, (Estuaries) | On Water | TR | |
| 10/02/2017 | Lough Foyle | | Mallard | 2 | MW4, (Estuaries) | On Water | TR | |
| 10/02/2017 | Lough Swilly | 2008 | Mallard | 20 | MW4, (Estuaries) | On Water | TR | |
| 28/02/2017 | Blanket Nook | | Mallard | 8 | MW4, (Estuaries) | On Water | TR | |
| 28/02/2017 | Lough Turk | | Mallard | 2 | FL2, (Acid oligotrophic lakes) | Flying | TR | |
| 28/02/2017 | Lough Foyle | | Mallard | 2 | MW4, (Estuaries) | On Water | TR | |
| 14/03/2017 | | | Mallard | 2 | MW4, (Estuaries) | Above Water | TR | |
| 14/03/2017 | | | Mallard | 4 | MW4, (Estuaries) | On Water | TR | |



| | | | Wilc | lfowl Di | stribution Surveys | | |
|------------|------------------------|------------------|---------|-----------------|--|------------------------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 14/03/2017 | | | Mallard | 18 | MW4, (Estuaries) | On Water | TR |
| 14/03/2017 | | | Mallard | 12 | MW4, (Estuaries) | On Water | TR |
| 28/03/2017 | | | Mallard | 11 | MW4, (Estuaries) | On Water | TR |
| 28/03/2017 | | | Mallard | 8 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 08/04/2017 | Illies | | Mallard | 2 | FW1, (Eroding/upland rivers) | Flying to reservoir | AR |
| 08/04/2017 | Fullerton Dam | | Mallard | 2 | FL7, (Reservoirs) | Feeding | AR |
| 20/04/2017 | Fullerton Dam | | Mallard | 4 | FL7, (Reservoirs) | 1 pair nesting. Feeding | AR |
| 05/05/2017 | Eddie Fullerton Dam | | Mallard | 2 | FL7, (Reservoirs) | Moving across reservoir | AR |
| 21/05/2017 | Eddie Fullerton Dam | | Mallard | 11 | FL7, (Reservoirs) | Adults with 9 young | AR |
| 21/05/2017 | Eddie Fullerton Dam | | Mallard | 9 | FL7, (Reservoirs) | Adults with 7 young | AR |
| 21/05/2017 | Lough Foyle | | Mallard | 2 | LS3, (Muddy sand shores) | Feeding along shore edge | AR |
| 29/08/2017 | Inch levels Hide | | Mallard | 17 | MW2, (Sea inlets and bays) | On Water | AOD |
| 29/08/2017 | Banket Nook | | Mallard | 46 | MW2, (Sea inlets and bays) | On Water | AOD |
| 16/09/2017 | Blanket Nook | | Mallard | 56 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Inch Levels South Hide | | Mallard | 110 | MW2, (Sea inlets and bays) | On Water | AOD |
| 16/09/2017 | Culmore Point | | Mallard | 8 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Blanket Nook | | Mallard | 65 | MW2, (Sea inlets and bays) | On Water | AOD |
| 28/09/2017 | Inch Levels South Hide | | Mallard | 58 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Culmore Landfill | | Mallard | 12 | MW2, (Sea inlets and bays) | On Water | AOD |
| 28/09/2017 | Sandpoint | | Mallard | 4 | MW2, (Sea inlets and bays) | On Water | AOD |
| 07/10/2017 | | EFD1 | Mallard | 3 | FL7, (Reservoirs) | Feeding | AR |
| 07/10/2017 | | EFD3 | Mallard | 2 | FL7, (Reservoirs) | Feeding at lake edge | AR |
| 22/10/2017 | | ED2 | Mallard | 5 | FL7, (Reservoirs) | Feeding at lake edge | AR |
| 04/11/2017 | | LF1 | Mallard | 2 | LS4, (Mud shores) | Feeding | AR |
| 04/11/2017 | | ED1 | Mallard | 3 | FL7, (Reservoirs) | Feeding along reservoir edge | AR |



| | | | Wilc | lfowl Di | stribution Surveys | | |
|------------|----------------------------|------------------|---------|-----------------|--|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 19/11/2017 | | ED1 | Mallard | 4 | FL7, (Reservoirs) | Foraging in lake | AR |
| 02/12/2017 | | ED2 | Mallard | 4 | FL7, (Reservoirs) | In reservoir | AR |
| 22/12/2017 | | EF1 | Mallard | 5 | FL7, (Reservoirs) | On Eddie Fullerton Dam | AR |
| 02/01/2018 | Eddie Fullerton Dam | ED1 | Mallard | 3 | FL7, (Reservoirs) | In reservoir | AR |
| 01/02/2018 | Lake Turk | | Mallard | 2 | FL7, (Reservoirs) | On Water | AOD |
| 19/02/2018 | Inch | | Mallard | 32 | MW2, (Sea inlets and bays) | On Water | AOD |
| 19/02/2018 | Lake Turk | | Mallard | 6 | FL7, (Reservoirs) | On Water | AOD |
| 20/02/2018 | Culmore country park | | Mallard | 16 | MW2, (Sea inlets and bays) | On Water | AOD |
| 04/03/2018 | Eddie Fullerton Dam | ED2 | Mallard | 3 | FL7, (Reservoirs) | In reservoir | AR |
| 24/03/2018 | Eddie Fullerton Dam | ED2 | Mallard | 6 | FL7, (Reservoirs) | In reservoir | AR |
| 14/04/2018 | Lough Inn | | Mallard | 1 | FL2, (Acid oligotrophic lakes) PB2, (Upland blanket bog) WD4, (Conifer plantation) | FL2, (Acid oligotrophic lakes) PB2, (Upland blanket bog) WD4, (Conifer plantation) | ND |
| 14/04/2018 | Lough Turk / Fullerton Dam | | Mallard | 5 | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) | ND |
| 15/04/2018 | Inch Lough / Levels | | Mallard | 48 | CW1, (Lagoons and saline lakes) | CW1, (Lagoons and saline lakes) | ND |
| 21/04/2018 | Lough Foyle | | Mallard | 4 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 26/04/2018 | Inch Lough / Levels | | Mallard | 64 | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | ND |
| 28/04/2018 | Lough Inn | | Mallard | 1 | FL2, (Acid oligotrophic lakes) PB2, (Upland blanket bog) WD4, (Conifer plantation) | FL2, (Acid oligotrophic lakes) PB2, (Upland blanket bog) WD4, (Conifer plantation) | ND |
| 28/04/2018 | Lough Turk / Fullerton Dam | | Mallard | 1 | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) | ND |
| 06/05/2018 | Inch Lough / Levels | | Mallard | 65 | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | ND |
| 09/05/2018 | Foyle Estuary | | Mallard | 2 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |

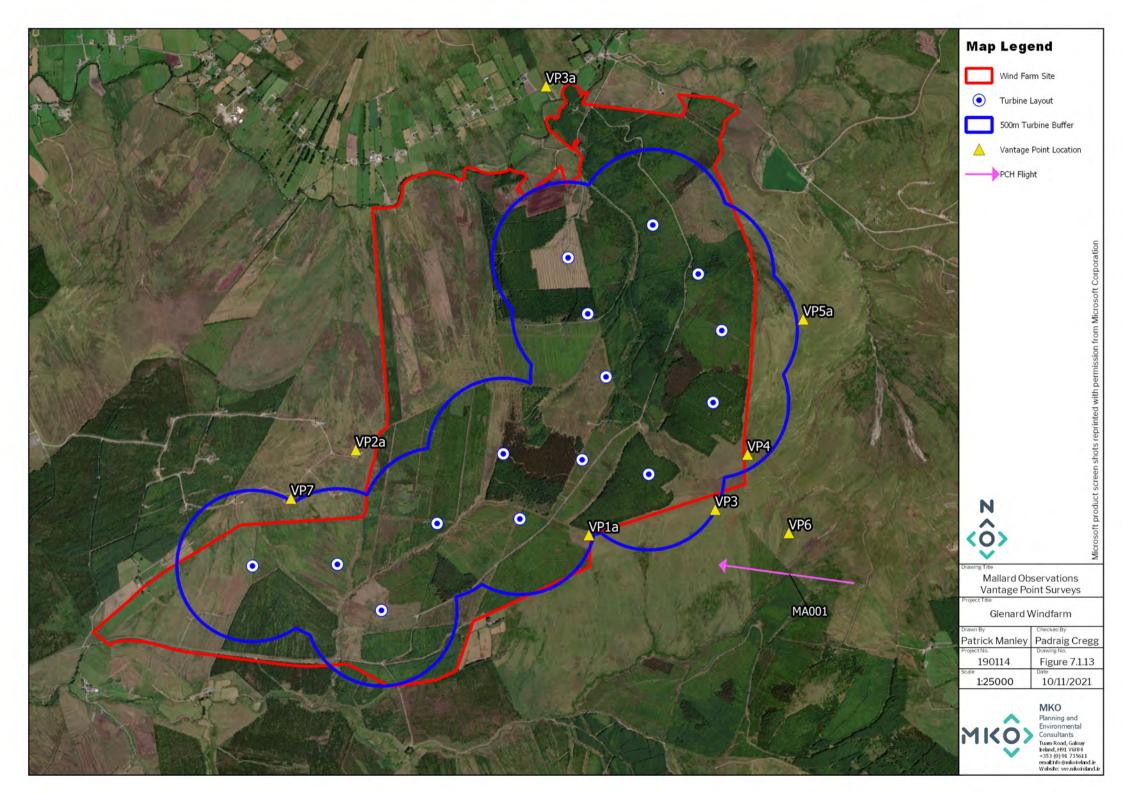


| | | | Wild | lfowl Di | stribution Surveys | | |
|------------|---|------------------|--|-----------------|--|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 26/05/2018 | Foyle Estuary | | Mallard | 9 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 26/05/2018 | Lough Turk / Fullerton Dam Mallard 5 FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) | | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) | ND | | | |
| 31/05/2018 | Inch Lough / Levels | | Mallard | 120 | CW1, (Lagoons and saline lakes) | On Water | ND |
| 04/12/2018 | Reservoir | | Mallard | 4 | 2 male 2 female | On Water | AOD |
| 18/12/2018 | Reservoir | | Mallard | 3 | 3 adults | On Water | AOD |
| 04/01/2019 | Reservoir (Lough Turk) | | Mallard | 4 | Feeding on water north side | e On Water | |
| 21/01/2019 | Reservoir (Lough Turk) | | Mallard | 4 | Feeding on water north side | On Water | AOD |
| 06/02/2019 | Lough Turk (Reservoir) | | Mallard | 9 | FL7, (Reservoirs) On water north side 6m 3f | On Water | AOD |
| 22/02/2019 | Lough Turk (Reservoir) | | Mallard | 5 | FL7, (Reservoirs) On water north side 2M 3F | On Water | AOD |
| 06/03/2019 | Reservoir | | Mallard | 6 | FL7, (Reservoirs) 3male 3 female feeding north side | On Water | AOD |
| 06/03/2019 | Crana river | | Mallard | 4 | FL, (Lakes and ponds) 3male 1female feeding in flood pool beside Crana River | On Water | AOD |
| 21/03/2019 | Owenkillew river | | Mallard | 1 | FW1, (Eroding/upland rivers) Flushed from river flew west | Above Water | AOD |

| | Incidental Observations | | | | | | | | | |
|------------|--|---------|---|--|-----|--|--|--|--|--|
| Date | Date Survey Type Species No. of Birds Notes Surveyor | | | | | | | | | |
| 01/05/2019 | Breeding Raptor Survey | Mallard | 1 | Male flew over site | JВ | | | | | |
| 12/04/2018 | Breeding Raptor Survey | Mallard | 1 | PB2, (Upland blanket bog) flushed from drain | AOD | | | | | |
| 12/04/2018 | Breeding Raptor Survey | Mallard | 2 | WD4, (Conifer plantation) PB2, (Upland blanket bog) flew from river on-site band 2 | AOD | | | | | |
| 01/06/2018 | | | | | | | | | | |



| | Incidental Observations | | | | | | | | | |
|------------|--|---------|---|---|-----|--|--|--|--|--|
| Date | Date Survey Type Species No. of Birds Notes Surveyor | | | | | | | | | |
| 10/07/2018 | Breeding Raptor Survey | Mallard | 7 | FL2, (Acid oligotrophic lakes) 7 Adults and juv. feeding on reservoir | AOD | | | | | |
| 13/02/2019 | HHVP1 | Mallard | 3 | Pair flew east to west over Owenkillew river away from site. 1M 2F | AOD | | | | | |



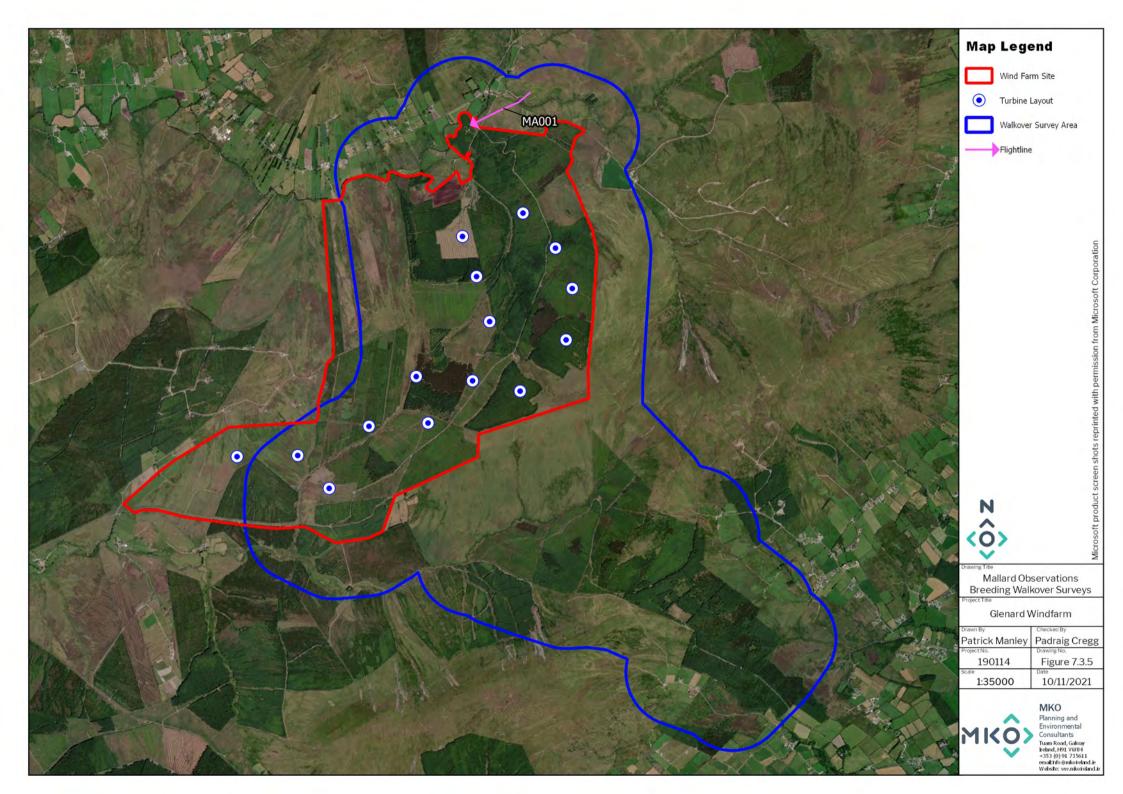




Table 16 Redshank Survey Data

| | Vantage Point Surveys | | | | | | | | | | | |
|-------------|-----------------------|---|----------|----|----------|-----|-----|---|---|--|---|----|
| Map Ref. | Date | Date VP Species No. of Birds flight flight (s) Duration of Band 1 Band 2 Band 3 Notes on habitat and activity (175m+) | | | | | | | | | | |
| RK001 | 06/10/2018 | VP5 | Redshank | 21 | 17:21:00 | 110 | 110 | 0 | 0 | PB2, (Upland blanket bog) GS4, (Wet grassland) In flight | Flock flying over hill eastward calling occasionally. Turned and flew south over hill out of sight. | AR |

| | | | , | Wildfow | l Distribution Surveys | | |
|------------|---|----------------------|----------|-----------------|------------------------|---------------------------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 16/08/2016 | Lough Foyle, Quigleys Point, 55.125022, -7.189295 | Mud Shore LS4 | Redshank | 1 | Mud Shore LS4 | Roosting | JOS |
| 16/08/2016 | Lough Foyle, Ture, 55.093156, - 7.228038 | Shingle shore LS1 | Redshank | 3 | Shingle shore LS1 | Roosting | JOS |
| 16/08/2016 | Lough Foyle, Three trees, 55.113394, -7.208258 | Shingle shore LS1 | Redshank | 10 | Shingle shore LS1 | | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Mud Shore LS4 | Redshank | 47 | Mud Shore LS4 | Feeding/roosting on mud shore | JOS |
| 01/09/2016 | Lough Foyle, Three trees, 55.113394, -7.208258 | Estuary MW4 | Redshank | 1 | Estuary MW4 | Flies N, calling. | JOS |
| 01/09/2016 | Lough Foyle, Ture, 55.093156, - 7.228038 | Shingle shore LS1 | Redshank | 2 | Shingle shore LS1 | Roosting on shingle. | JOS |
| 01/09/2016 | Lough Foyle, N of Quigleys Point, 55.126528, -7.187948 | Estuary MW4 | Redshank | 3 | Estuary MW4 | Fly south. Band 1. 30 secs. | JOS |
| 01/09/2016 | Lough Foyle, Three trees, 55.113394, -7.208258 | Shingle shore LS1 | Redshank | 4 | Shingle shore LS1 | Roosting on shingle. | JOS |
| 01/09/2016 | Lough Foyle, Three trees, 55.115854, -7.206962 | Shingle shore LS1 | Redshank | 11 | Shingle shore LS1 | Roosting on shingle. | JOS |
| 01/09/2016 | Lough Foyle, Aught, 55.106614, -7.212895 | Sand shore LS2 | Redshank | 12 | Sand shore LS2 | Roosting on sand shore, N of VP | JOS |



| | | | , | Wildfow | l Distribution Surveys | | |
|------------|--|------------------|----------|-----------------|----------------------------|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 01/09/2016 | Lough Foyle, Three trees, 55.113394, -7.208258 | Estuary MW4 | Redshank | 50 | Estuary MW4 | Approx. 50 RK. Fly N, Band 2, 50 secs. | JOS |
| 20/09/2016 | Lough Foyle | MW2 | Redshank | 3 | MW2, (Sea inlets and bays) | | HH, TR |
| 30/11/2016 | Lough Foyle | | Redshank | 3 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Redshank | 3 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Redshank | 8 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Redshank | 9 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Redshank | 2 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Redshank | 5 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Redshank | 7 | MW2, (Sea inlets and bays) | Perched then flushed by surveyor | TR |
| 05/12/2016 | Lough Foyle | | Redshank | 7 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Redshank | 8 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Redshank | 52 | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Redshank | 2 | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Redshank | 9 | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Redshank | 33 | MW2, (Sea inlets and bays) | | TR |
| 20/12/2016 | Lough Foyle | | Redshank | 1 | MW2, (Sea inlets and bays) | | TR |
| 20/12/2016 | Lough Foyle | | Redshank | 7 | MW2, (Sea inlets and bays) | | TR |
| 10/02/2017 | Lough Foyle | | Redshank | 4 | MW4, (Estuaries) | Terrestrial | TR |
| 10/02/2017 | Lough Foyle | | Redshank | 4 | MW4, (Estuaries) | Wading | TR |
| 10/02/2017 | Lough Foyle | | Redshank | 4 | MW4, (Estuaries) | Wading | TR |
| 10/02/2017 | Lough Foyle | | Redshank | 4 | MW4, (Estuaries) | Wading | TR |
| 10/02/2017 | Lough Foyle | | Redshank | 18 | MW4, (Estuaries) | Terrestrial | TR |
| 10/02/2017 | Lough Foyle | | Redshank | 36 | MW4, (Estuaries) | Wading | TR |
| 28/02/2017 | Lough Foyle | | Redshank | 1 | MW4, (Estuaries) | Above Water | TR |



| | | | , | Wildfow | l Distribution Surveys | | |
|------------|-----------------------|------------------|----------|-----------------|----------------------------|------------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 28/02/2017 | Lough Foyle | | Redshank | 1 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Redshank | 2 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Redshank | 3 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Redshank | 15 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Redshank | 57 | MW4, (Estuaries) | Above Water | TR |
| 14/03/2017 | | | Redshank | 3 | MW4, (Estuaries) | Terrestrial | TR |
| 14/03/2017 | | | Redshank | 3 | MW4, (Estuaries) | Terrestrial | TR |
| 14/03/2017 | | | Redshank | 4 | MW4, (Estuaries) | Above Water | TR |
| 14/03/2017 | | | Redshank | 6 | MW4, (Estuaries) | Terrestrial | TR |
| 14/03/2017 | Foyle (Ardmore Lower) | | Redshank | 140 | MW4, (Estuaries) | Terrestrial | TR |
| 28/03/2017 | | | Redshank | 3 | Terrestrial | Terrestrial | TR |
| 28/03/2017 | | | Redshank | 4 | Feeding/Roosting | Feeding/Roosting | TR |
| 28/03/2017 | | | Redshank | 6 | Feeding/Roosting | Feeding/Roosting | TR |
| 28/03/2017 | | | Redshank | 10 | Terrestrial | Terrestrial | TR |
| 28/03/2017 | Lough Foyle | | Redshank | 72 | | Feeding/Roosting | TR |
| 28/03/2017 | Foyle (Ardmore Lower) | | Redshank | 115 | | Feeding/Roosting | TR |
| 28/08/2017 | Creehenannan | | Redshank | 7 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | Culmore Point | | Redshank | 11 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 28/08/2017 | Ture Point | | Redshank | 11 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 28/08/2017 | South of Carrowkeel | | Redshank | 21 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | Culmore Landfill Site | | Redshank | 102 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 29/08/2017 | Banket Nook | | Redshank | 7 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 16/09/2017 | Rinenore Point | | Redshank | 1 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Whitecastle | | Redshank | 1 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Ture Point | | Redshank | 4 | MW2, (Sea inlets and bays) | Terrestrial | AOD |



| | | | | Wildfow | l Distribution Surveys | | |
|------------|------------------------|------------------|----------|-----------------|---|---|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 16/09/2017 | Inch Levels South Hide | | Redshank | 12 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 16/09/2017 | Vances Point | | Redshank | 15 | MW2, (Sea inlets and bays) | | AOD |
| 16/09/2017 | Blanket Nook | | Redshank | 28 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Culmore Point | | Redshank | 28 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Sandpoint | | Redshank | 32 | MW2, (Sea inlets and bays) | Flying | AOD |
| 16/09/2017 | Culmore Landfill | | Redshank | 62 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Rinenore Point | | Redshank | 4 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 28/09/2017 | Culmore Landfill | | Redshank | 103 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 28/09/2017 | Blanket Nook | | Redshank | 208 | MW2, (Sea inlets and bays) | Flying | AOD |
| 01/02/2018 | Culmore Point | | Redshank | 8 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 01/02/2018 | Ture point | | Redshank | 8 | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 01/02/2018 | Sand Point | | Redshank | 25 | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 01/02/2018 | Culmore country park | | Redshank | 32 | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 19/02/2018 | Inch | | Redshank | 61 | MW2, (Sea inlets and bays) | On Water | AOD |
| 20/02/2018 | Carrowkeel | | Redshank | 4 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Vances point | | Redshank | 6 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 20/02/2018 | Rinemore point | | Redshank | 8 | MW2, (Sea inlets and bays) | Flying | AOD |
| 20/02/2018 | Sand Point | | Redshank | 22 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Culmore country park | | Redshank | 86 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 21/04/2018 | Lough Foyle | | Redshank | 96 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 26/04/2018 | Inch Lough / Levels | | Redshank | 10 | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | ND |
| 29/04/2018 | Lough Foyle | | Redshank | 27 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |



| | | | | Wildfow | l Distribution Surveys | | |
|------------|---------------|------------------|----------|-----------------|--|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 09/05/2018 | Foyle Estuary | | Redshank | 4 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | ND |
| 09/01/2017 | | | Redshank | | | | AR |
| 27/01/2017 | | | Redshank | | | | AR |
| 05/05/2017 | | | Redshank | | | | AR |
| 07/10/2017 | | | Redshank | | | | AR |
| 22/10/2017 | | | Redshank | | | | AR |
| 04/11/2017 | | | Redshank | | | Foraging | AR |
| 02/12/2017 | | | Redshank | | | | AR |
| 22/12/2017 | | | Redshank | | | | AR |
| 02/01/2018 | | | Redshank | | | | AR |
| 21/01/2018 | | | Redshank | | | | AR |
| 04/03/2018 | | | Redshank | | | | AR |
| 24/03/2018 | | | Redshank | | | | AR |

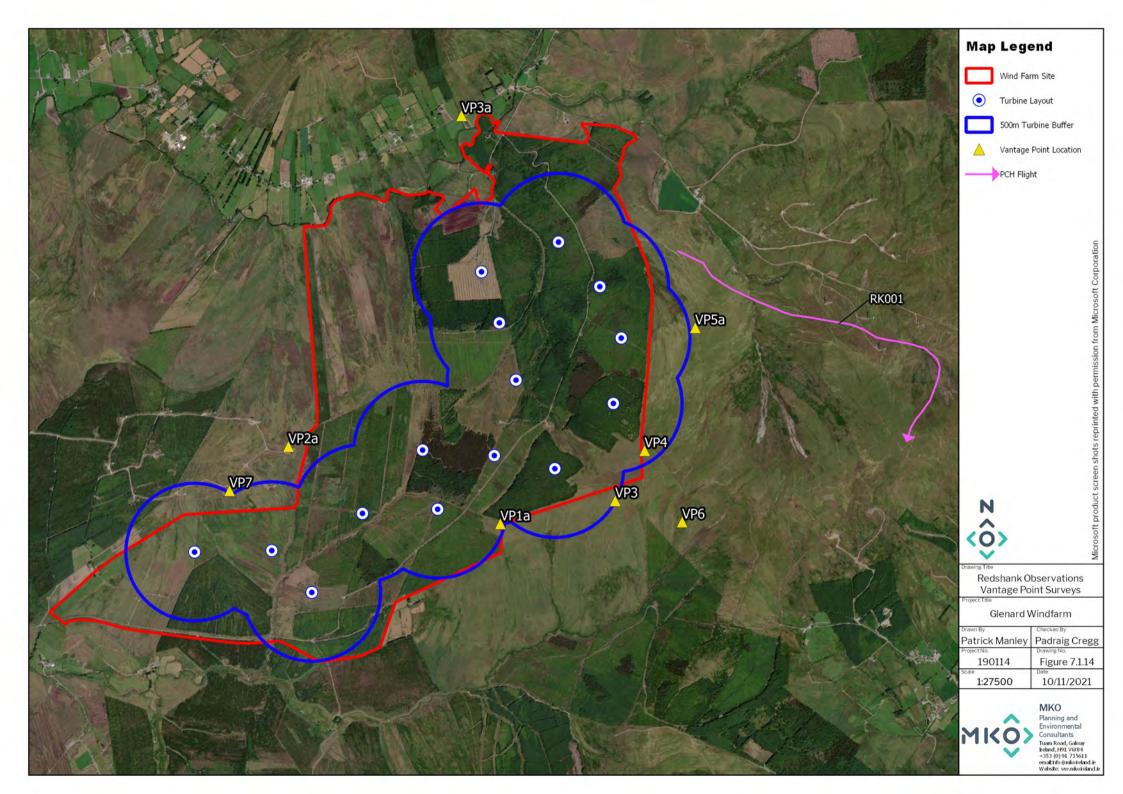




Table 17 Wigeon Survey Data

| Vantage Point Surveys | | | | | | | | | | | | |
|-----------------------|------------|------|---------|-----------------|-------------------|---------------------------|-------------------|---------------------|-----------------------|---|-----------------------------------|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0-25m) | Band 2 (25-175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| WN001 | 18/12/2017 | VP2a | Wigeon | 6 | 11:35:00 | 50 | 0 | 50 | 0 | HH3, (Wet heath) WD4, (Conifer plantation) In flight | In flight NE towards reservoir | AR |

| | Winter Walkover Surveys | | | | | | | | | | | |
|----------|---|----------|---------|--------------|---------|---|----------|--|--|--|--|--|
| Map Ref. | Date | Time | Species | No. of birds | Sex/age | Habitat and Activity | Surveyor | | | | | |
| WN001 | 18/12/2016 | 13:25:00 | Wigeon | 6 | | HH3, (Wet heath) WD4, (Conifer plantation) Travelling over site | AR | | | | | |
| WN002 | N002 02/03/2018 15:05:00 Wigeon 15 WD4, Flying towards reservoir AR | | | | | | | | | | | |

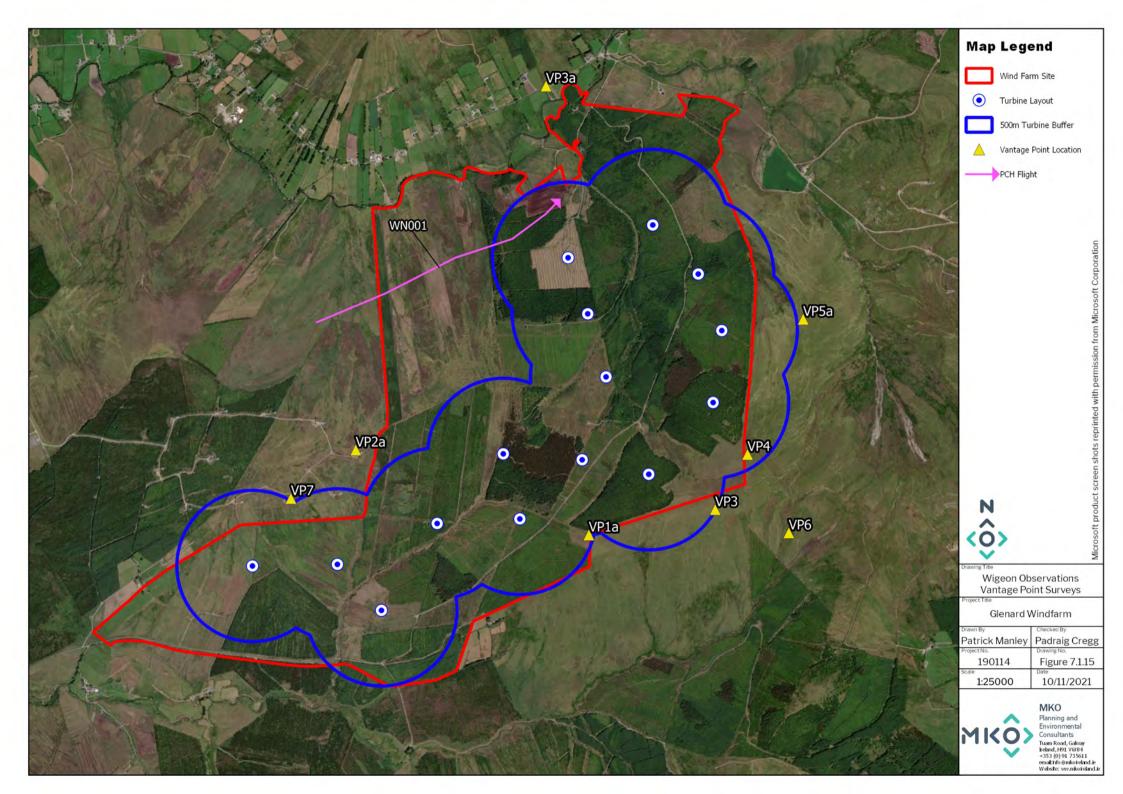
| | | | Wildfo | owl Dist | ribution Surveys | | |
|------------|---|------------------|---------|-----------------|----------------------------|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 20/09/2016 | Lough Foyle | MW2 | Wigeon | 11 | MW2, (Sea inlets and bays) | | HH, TR |
| 05/10/2016 | Lough Foyle | MW2 | Wigeon | 11 | MW2, (Sea inlets and bays) | | TR |
| 31/10/2016 | Eddie Fullerton Dam | | Wigeon | 11 | FL7 | Feeding. Flew to the opposite end of the lake. | AR |
| 01/12/2016 | Lough turk, Carrowmore Turlough, Grassland Fields, Lissfannon Shore and Lough Foyle | FL7 | Wigeon | 7 | FL7, (Reservoirs) | feeding at reservoir edge | AR |
| 10/12/2016 | Lough Foyle | | Wigeon | 86 | MW2, (Sea inlets and bays) | | TR |
| 20/12/2016 | Blanket Nook | | Wigeon | 5 | MW2, (Sea inlets and bays) | | TR |
| 20/12/2016 | Lough Foyle | | Wigeon | 28 | MW2, (Sea inlets and bays) | | TR |
| 09/01/2017 | Eddie Fullerton Dam | 7 | Wigeon | 5 | FL7, (Reservoirs) | Feeding | AR |
| 09/01/2017 | Eddie Fullerton Dam | 4 | Wigeon | 11 | FL7, (Reservoirs) | Feeding/calling | AR |



| | | | Wildfo | owl Dist | ribution Surveys | | |
|------------|------------------------|------------------|---------|-----------------|--|-------------------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 10/02/2017 | Lough Foyle | | Wigeon | 17 | MW4, (Estuaries) | Wading | TR |
| 10/02/2017 | Lough Swilly | 2008 | Wigeon | 8 | MW4, (Estuaries) | On Water | TR |
| 28/02/2017 | Blanket Nook | | Wigeon | 45 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Blanket Nook | | Wigeon | 130 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 28/02/2017 | Lough Foyle | | Wigeon | 42 | MW4, (Estuaries) | Above Water | TR |
| 14/03/2017 | | | Wigeon | 75 | MW4, (Estuaries) | On Water | TR |
| 14/03/2017 | | | Wigeon | 187 | MW4, (Estuaries) | On Water | TR |
| 28/03/2017 | | | Wigeon | 2 | | On Water | TR |
| 28/03/2017 | | | Wigeon | 16 | | On Water | TR |
| 28/03/2017 | | | Wigeon | 65 | MW4, (Estuaries) | On Water | TR |
| 08/04/2017 | Fullerton Dam | | Wigeon | 3 | FL7, (Reservoirs) | Feeding along dam | AR |
| 20/04/2017 | Fullerton Dam | | Wigeon | 2 | FL7, (Reservoirs) | Moving across reservoir | AR |
| 29/08/2017 | Inch levels Hide | | Wigeon | 23 | MW2, (Sea inlets and bays) | On Water | AOD |
| 16/09/2017 | Blanket Nook | | Wigeon | 15 | MW2, (Sea inlets and bays) | On Water | AOD |
| 16/09/2017 | Inch Levels South Hide | | Wigeon | 41 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Blanket Nook | | Wigeon | 22 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 28/09/2017 | Culmore Landfill | | Wigeon | 8 | MW2, (Sea inlets and bays) | On Water | AOD |
| 28/09/2017 | Inch Levels South Hide | | Wigeon | 186 | MW2, (Sea inlets and bays) | On Water | AOD |
| 28/09/2017 | Sandpoint | | Wigeon | 4 | MW2, (Sea inlets and bays) | On Water | AOD |
| 22/10/2017 | | ED1 | Wigeon | 4 | FL7, (Reservoirs) | Feeding at lake edge | AR |
| 04/11/2017 | | ED2 | Wigeon | 11 | FL7, (Reservoirs) | Feeding along lake | AR |
| 19/11/2017 | | ED2 | Wigeon | 9 | FL7, (Reservoirs) | Foraging in lake | AR |
| 22/12/2017 | | EF2 | Wigeon | 14 | FL7, (Reservoirs) | On Eddie Fullerton Dam | AR |
| 21/01/2018 | Eddie Fullerton Dam | EFD1 | Wigeon | 16 | FL7, (Reservoirs) | Foraging | AR |



| | | | Wildfe | owl Dist | ribution Surveys | | |
|------------|----------------------|------------------|---------|-----------------|--|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 21/01/2018 | Lough Foyle | LF2 | Wigeon | 30 | FL7, (Reservoirs) | Feeding in Lough | AR |
| 01/02/2018 | Inch | | Wigeon | 90 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 01/02/2018 | Sand Point | | Wigeon | 360 | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 19/02/2018 | Inch | | Wigeon | 6 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Culmore country park | | Wigeon | 13 | MW2, (Sea inlets and bays) | On Water | AOD |
| 20/02/2018 | Sand Point | | Wigeon | 130 | MW2, (Sea inlets and bays) | On Water | AOD |
| 26/04/2018 | Inch Lough / Levels | | Wigeon | 26 | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | ND |
| 06/05/2018 | Inch Lough / Levels | | Wigeon | 10 | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | CW1, (Lagoons and saline lakes) FS2, (Tall-herb swamps) GS4, (Wet grassland) | ND |
| 31/05/2018 | Inch Lough / Levels | | Wigeon | 18 | CW1, (Lagoons and saline lakes) | On Water | ND |



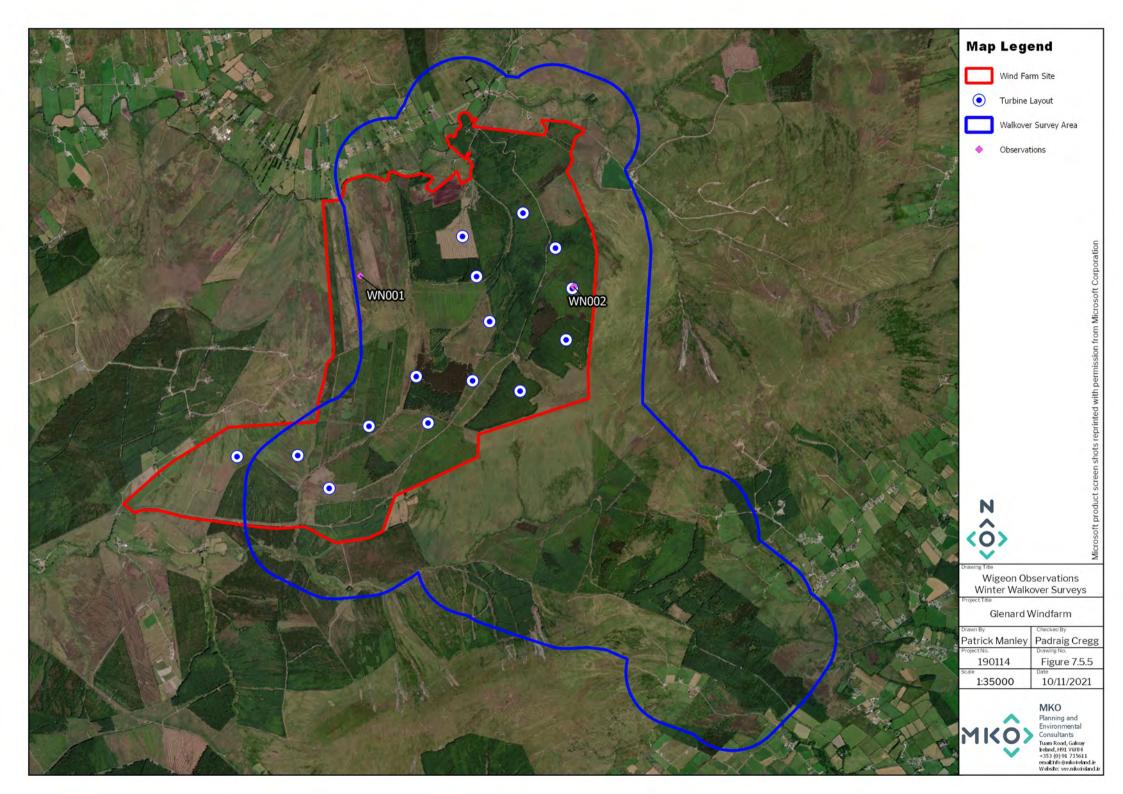




Table 18 Curlew Survey Data

| | Vantage Point Surveys | | | | | | | | | | | | |
|-------------|-----------------------|------|---------|-----------------|-------------------|------------------------|-------------------|------------------------|-------------------------|--|---|----------|--|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10- 25m) | Band 3 (25- 175m) | Band 4 (>175m) | Notes on habitat and activity | Surveyor | |
| CU001 | 08/10/2016 | VP1a | Curlew | 5 | 11:42:00 | 63 | 0 | 63 | 0 | PB2, (Upland blanket bog) HH3, (Wet heath) Emerged over the hill S of VP. Flew straight line over SE corner of site. | | AR | |
| CU002 | 04/12/2016 | VP1a | Curlew | 9 | 09:21:00 | 61 | 0 | 61 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) WS5, (Recently felled woodland) In flight over south corner of site | 9 in flight over south west corner of site within PCH | AR | |
| CU003 | 17/12/2016 | VP6 | Curlew | 12 | 12:08:00 | 81 | 0 | 81 | 0 | WD4, (Conifer plantation) WS5, (Recently felled woodland) In flight SW | Observed flying SW over site within PCH | AR | |

| | Vantage Point Survey 2021 | | | | | | | | | | | |
|----------|---|--|--|--|--|--|--|--|--|--|----------|--|
| Map Ref. | Map Ref. VP Date Time Species Number Duration of Band 1 Band 2 PCH (25-Band 4 (>175m) Habitat and activity Surveyor | | | | | | | | | | Surveyor | |
| CU004 | | | | | | | | | | | | |

| | Vantage Point Non-Flight Observations | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Date | Date VP Species No. of Birds Time Comments Surveyor | | | | | | | | | | | |
| 19/04/2017 | 9/04/2017 VP5a Curlew 1 Curlew called briefly, twice, 10 mins apart. Not seen. Heard only. Thought to be on ground. ND | | | | | | | | | | | |



| | Breeding Walkover Surveys | | | | | | | | | | | |
|--------------|---------------------------|----------|---------|--------------|--|--|----------|--|--|--|--|--|
| Map Ref. No. | Survey Date | Time | Species | No. of birds | Habitat and Activity | Comments | Surveyor | | | | | |
| CU001 | 06/05/2017 | 11:41 | Curlew | 1 | PB2, (Upland blanket bog) In flight | Suitable nesting habitat; Possible breeder | AR | | | | | |
| CU002 | 25/06/2018 | 12:01:00 | Curlew | 1 | Lone bird flying from L. Foyle direction across the site | | AOD | | | | | |

| | | | | Wildfov | wl Distribution Surveys | | |
|------------|--|-------------------|---------|-----------------|-------------------------|---|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 16/08/2016 | Lough Foyle, Aught, 55.105663, -7.213010 | Mud Shore LS4 | Curlew | 1 | Mud Shore LS4 | Calling | JOS |
| 16/08/2016 | Lough Foyle, Culmore point, 55.047009, -7.253809 | Mud Shore LS4 | Curlew | 1 | Mud Shore LS4 | Calling, no visual. | JOS |
| 16/08/2016 | Lough Foyle, Opposite greenbank cottages, 55.120043, -7.202550 | Mud Shore LS4 | Curlew | 1 | Mud Shore LS4 | On rocks. | Jos |
| 16/08/2016 | Lough Foyle, Three trees, 55.113394, -7.208258 | Shingle shore LS1 | Curlew | 2 | Shingle shore LS1 | | JOS |
| 16/08/2016 | Lough Foyle, Three trees, 55.113394, -7.208258 | Shingle shore LS1 | Curlew | 2 | Shingle shore LS1 | Roosting | JOS |
| 16/08/2016 | Lough Foyle, Quigleys Point, 55.125022, -7.189295 | Mud Shore LS4 | Curlew | 4 | Mud Shore LS4 | Roosting/feeding | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Mud Shore LS4 | Curlew | 5 | Mud Shore LS4 | Five individuals fly in from west and land on the shore. Flight band 1. | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Mud Shore LS4 | Curlew | 12 | Mud Shore LS4 | Feeding along shoreline | JOS |
| 16/08/2016 | Lough Foyle, Aught, 55.105663, -7.213010 | Sand shore LS2 | Curlew | 18 | Sand shore LS2 | Roosting on sand shoreline | JOS |
| 16/08/2016 | Lough Foyle, Quigleys Point, 55.125022, -7.189295 | Shingle shore LS1 | Curlew | 19 | Shingle shore LS1 | | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Estuary MW4 | Curlew | 39 | Estuary MW4 | Flight band 1. Flew south along the shore calling. | JOS |



| | | | | Wildfov | wl Distribution Surveys | | |
|------------|---|--|---------|-----------------|----------------------------------|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 16/08/2016 | Lough Foyle, Coney road, 55.066184, -7.253895 | Mud Shore LS4 | Curlew | 45 | Mud Shore LS4 | Feeding/roosting on mud shore | JOS |
| 16/08/2016 | Lough Foyle, Ture, 55.093156, -7.228038 | Shingle shore LS1/ Mud Shore LS4 | Curlew | 52 | Shingle shore LS1/ Mud Shore LS4 | Roosting/feeding | JOS |
| 16/08/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Mud Shore LS4 | Curlew | 143 | Mud Shore LS4 | Feeding/roosting on mud shore | JOS |
| 01/09/2016 | Lough Foyle, Ardmore lower, 55.080806, -7.245900 | Estuary MW4 | Curlew | 1 | Estuary MW4 | Flies S, lands on shore, band 1. | JOS |
| 01/09/2016 | Lough Foyle, Aught, 55.102098, -7.217375 | GA1, sand shore LS2 | Curlew | 1 | GA1, sand shore LS2 | Flies W into pasture, 10 secs, band 1, lands. | JOS |
| 01/09/2016 | Lough Foyle, Culmore point, 55.047009, -7.253809 | Shingle shore LS1 | Curlew | 1 | Shingle shore LS1 | Foraging on shingle shore. | JOS |
| 01/09/2016 | Lough Foyle, N of Quigleys Point, 55.126528, -7.187948 | | Curlew | 1 | | Calling. No visual. | JOS |
| 01/09/2016 | Lough Foyle, N of Quigleys Point, 55.126528, -7.187948 | Shingle shore LS1 | Curlew | 1 | Shingle shore LS1 | Roosting on shingle | JOS |
| 01/09/2016 | Lough Foyle, Three trees, 55.113394, -7.208258 | Shingle shore LS1 | Curlew | 1 | Shingle shore LS1 | On seaweed. Disturbed by surveyor, flies S, band 1, 40 secs. | JOS |
| 01/09/2016 | Lough Foyle, Three trees, 55.113394, -7.208258 | Estuary MW4 | Curlew | 1 | Estuary MW4 | Fly south, band 1. | JOS |
| 01/09/2016 | Lough Foyle, Three trees, 55.113394, -7.208258 | Estuary MW4 | Curlew | 1 | Estuary MW4 | Flies S, circles back N, band 1, 60 secs. | JOS |
| 01/09/2016 | Lough Foyle, Three trees, 55.113394, -7.208258 | Shingle shore LS1 | Curlew | 1 | Shingle shore LS1 | With L., GK, RK, roosting on seaweed/shingle. | JOS |
| 01/09/2016 | Lough Foyle, Three trees, 55.115854, -7.206962 | Shingle shore LS1 | Curlew | 1 | Shingle shore LS1 | Roosting on shingle. | JOS |
| 01/09/2016 | Lough Foyle, Ture, 55.093156, -7.228038 | Shingle shore LS1 | Curlew | 1 | Shingle shore LS1 | Roosting on shingle. | JOS |
| 01/09/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Estuary MW4 | Curlew | 2 | Estuary MW4 | Fly N, calling, band 1. | JOS |



| | | | | Wildfov | wl Distribution Surveys | | |
|------------|--|--------------------------------|---------|-----------------|-----------------------------|---|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 01/09/2016 | Lough Foyle, Drumskellan, 55.090511, -7.232631 | Sand Shore LS2 | Curlew | 4 | Sand Shore LS2 | Roosting on shore. | JOS |
| 01/09/2016 | Lough Foyle, Ardmore lower, 55.079479, -7.247071 | Agricultural grassland, GA1 | Curlew | 15 | Agricultural grassland, GA1 | Roosting in GA1. Disturbed by surveyor, lift, fly east, then circle N, fly out of view. | JOS |
| 01/09/2016 | Lough Foyle, Aught, 55.103160, -7.214660 | Shingle shore LS1 | Curlew | 19 | Shingle shore LS1 | Roosting on shingle, south of pier. | JOS |
| 01/09/2016 | Lough Foyle, Ardmore lower, 55.068217, -7.255450 | Shingle shore LS1 | Curlew | 50 | Shingle shore LS1 | Roosting with BH on shingle shore, in front of reedbed. | JOS |
| 20/09/2016 | Lough Foyle | MW2 | Curlew | 92 | MW2, (Sea inlets and bays) | | HH, TR |
| 05/10/2016 | Lough Foyle | MW2 | Curlew | 92 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Curlew | 3 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Curlew | 3 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Curlew | 3 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Curlew | 5 | MW2, (Sea inlets and bays) | | TR |
| 30/11/2016 | Lough Foyle | | Curlew | 5 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Curlew | 1 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Curlew | 1 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Curlew | 1 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Curlew | 2 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Curlew | 2 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Curlew | 18 | MW2, (Sea inlets and bays) | | TR |
| 05/12/2016 | Lough Foyle | | Curlew | 22 | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Curlew | 1 | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Curlew | 1 | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Curlew | 2 | MW2, (Sea inlets and bays) | Perched | TR |
| 10/12/2016 | Lough Foyle | | Curlew | 2 | MW2, (Sea inlets and bays) | | TR |



| | | | | Wildfov | wl Distribution Surveys | | |
|------------|--------------|---------------|---------|-----------------|--|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 10/12/2016 | Lough Foyle | | Curlew | 2 | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Curlew | 2 | MW2, (Sea inlets and bays) | | TR |
| 10/12/2016 | Lough Foyle | | Curlew | 8 | MW2, (Sea inlets and bays) | | TR |
| 20/12/2016 | Blanket Nook | | Curlew | 150 | MW2, (Sea inlets and bays) | | TR |
| 10/02/2017 | Lough Foyle | | Curlew | 2 | MW4, (Estuaries) | Wading | TR |
| 10/02/2017 | Lough Foyle | | Curlew | 2 | MW4, (Estuaries) | Terrestrial | TR |
| 10/02/2017 | Lough Foyle | | Curlew | 3 | MW4, (Estuaries) | Wading | TR |
| 10/02/2017 | Lough Foyle | | Curlew | 4 | MW4, (Estuaries) | Wading | TR |
| 10/02/2017 | Lough Foyle | | Curlew | 10 | MW4, (Estuaries) | Wading | TR |
| 10/02/2017 | Lough Foyle | | Curlew | 12 | MW4, (Estuaries) | Wading | TR |
| 10/02/2017 | Lough Foyle | | Curlew | 30 | MW4, (Estuaries) | Terrestrial | TR |
| 10/02/2017 | Lough Foyle | | Curlew | 30 | MW4, (Estuaries) | Terrestrial | TR |
| 10/02/2017 | Lough Foyle | | Curlew | 37 | MW4, (Estuaries) | Terrestrial | TR |
| 10/02/2017 | Lough Foyle | | Curlew | 39 | MW4, (Estuaries) | Flying | TR |
| 10/02/2017 | Lough Swilly | 2008 | Curlew | 130 | MW4, (Estuaries) | Wading | TR |
| 28/02/2017 | Lough Foyle | | Curlew | 2 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Curlew | 3 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Curlew | 3 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Curlew | 3 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Curlew | 3 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Curlew | 6 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Curlew | 34 | MW4, (Estuaries) | Above Water | TR |
| 28/02/2017 | Lough Foyle | | Curlew | 55 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 28/02/2017 | Blanket Nook | | Curlew | 220 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 14/03/2017 | Lough Foyle | | Curlew | 2 | MW4, (Estuaries) | Terrestrial | TR |



| | | | | Wildfov | wl Distribution Surveys | | |
|------------|-----------------------|---------------|---------|-----------------|--|------------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 14/03/2017 | Lough Foyle | | Curlew | 2 | MW4, (Estuaries) | Above Water | TR |
| 14/03/2017 | Lough Foyle | | Curlew | 2 | MW4, (Estuaries) | Above Water | TR |
| 14/03/2017 | Lough Foyle | | Curlew | 8 | GA1, (Improved agricultural grassland) | Terrestrial | TR |
| 14/03/2017 | Lough Foyle | | Curlew | 8 | MW4, (Estuaries) | Above Water | TR |
| 14/03/2017 | Blanket Nook | | Curlew | 9 | MW4, (Estuaries) | Wading | TR |
| 28/03/2017 | Lough Foyle | | Curlew | 1 | Feeding/Roosting | Feeding/Roosting | TR |
| 28/03/2017 | Lough Foyle | | Curlew | 1 | Feeding/Roosting | Feeding/Roosting | TR |
| 28/03/2017 | Blanket Nook | | Curlew | 2 | MW4, (Estuaries) | Above Water | TR |
| 28/03/2017 | Lough Foyle | | Curlew | 2 | Feeding/Roosting | Feeding/Roosting | TR |
| 28/03/2017 | Lough Foyle | | Curlew | 8 | Feeding/Roosting | Feeding/Roosting | TR |
| 28/03/2017 | Lough Foyle | | Curlew | 18 | Feeding/Roosting | Feeding/Roosting | TR |
| 28/03/2017 | Lough Foyle | | Curlew | 26 | Feeding/Roosting | Feeding/Roosting | TR |
| 28/08/2017 | Creehenannan | | Curlew | 2 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | Vances Point | | Curlew | 2 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 28/08/2017 | Rinenore Point | | Curlew | 3 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | Culmore Point | | Curlew | 4 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | South of Carrowkeel | | Curlew | 4 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 28/08/2017 | Sand Point | | Curlew | 12 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 28/08/2017 | Culmore Landfill Site | | Curlew | 26 | MW2, (Sea inlets and bays) | On Water | AOD |
| 28/08/2017 | Quigleys Point | | Curlew | 34 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/08/2017 | Ture Point | | Curlew | 52 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 29/08/2017 | Banket Nook | | Curlew | 1 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 29/08/2017 | Inch levels fields | | Curlew | 6 | GA1, (Improved agricultural grassland) | Terrestrial | AOD |
| 29/08/2017 | Inch levels Hide | | Curlew | 10 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Quigleys Point | | Curlew | 1 | MW2, (Sea inlets and bays) | Terrestrial | AOD |



| | | | | Wildfov | vl Distribution Surveys | | |
|------------|------------------------|---------------|---------|-----------------|----------------------------|-------------|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 16/09/2017 | Sandpoint | | Curlew | 2 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 16/09/2017 | Whitecastle | | Curlew | 5 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 16/09/2017 | Culmore Point | | Curlew | 12 | MW2, (Sea inlets and bays) | Above Water | AOD |
| 16/09/2017 | Blanket Nook | | Curlew | 28 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Sandpoint | | Curlew | 1 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Vances Point | | Curlew | 4 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Inch Levels South Hide | | Curlew | 8 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Rinenore Point | | Curlew | 8 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Whitecastle | | Curlew | 12 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Culmore Landfill | | Curlew | 15 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Quigleys Point | | Curlew | 47 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 28/09/2017 | Blanket Nook | | Curlew | 55 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 09/01/2017 | | | Curlew | | | | AR |
| 27/01/2017 | | | Curlew | | | | AR |
| 07/10/2017 | | | Curlew | | | | AR |
| 22/10/2017 | | | Curlew | | | | AR |
| 04/11/2017 | | | Curlew | | | Foraging | AR |
| 19/11/2017 | | | Curlew | | | Foraging | AR |
| 02/12/2017 | | | Curlew | | | | AR |
| 22/12/2017 | | | Curlew | | | | AR |
| 02/01/2018 | | | Curlew | | | | AR |
| 21/01/2018 | | | Curlew | | | | AR |
| 04/03/2018 | | | Curlew | | | | AR |
| 24/03/2018 | | | Curlew | | | | AR |
| 09/01/2017 | | | Curlew | | | | AR |

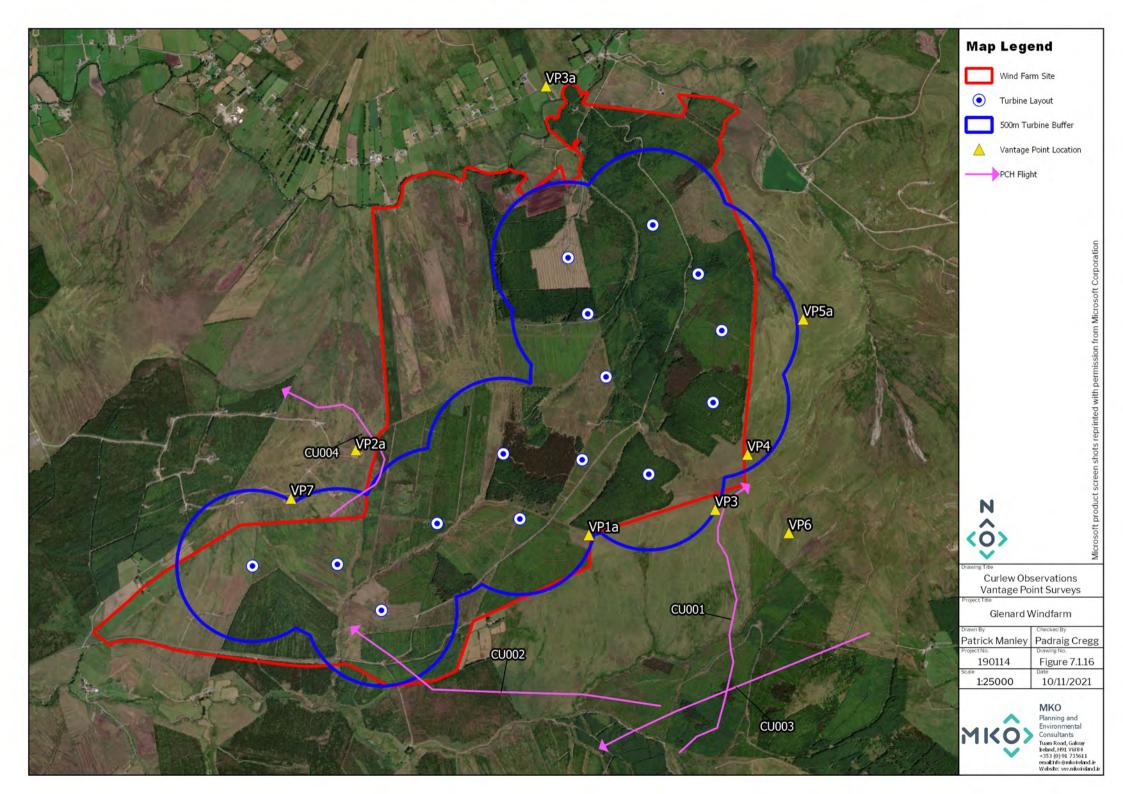


| | | | | Wildfov | wl Distribution Surveys | | |
|------------|-------------------------------|---------------|---------|-----------------|--|--|----------|
| Date | Location | Location Code | Species | No. of birds | Habitat | Activity | Surveyor |
| 01/02/2018 | Culmore Point | | Curlew | 2 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 01/02/2018 | Whitecastle | | Curlew | 4 | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 01/02/2018 | Carrowkeel | | Curlew | 8 | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 01/02/2018 | Ture point | | Curlew | 12 | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 01/02/2018 | Culmore country park | | Curlew | 45 | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 01/02/2018 | Sand Point | | Curlew | 46 | MW2, (Sea inlets and bays) | Oyster farming disturbing birds here | AOD |
| 19/02/2018 | Crana estuary | | Curlew | 1 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 19/02/2018 | Inch | | Curlew | 38 | MW2, (Sea inlets and bays) | On Water | AOD |
| 20/02/2018 | Ture point | | Curlew | 1 | MW2, (Sea inlets and bays) | Flying | AOD |
| 20/02/2018 | Culmore country park | | Curlew | 3 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Carrowkeel | | Curlew | 6 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Rinemore point | | Curlew | 6 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Whitecastle | | Curlew | 16 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Creehennan | | Curlew | 85 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 20/02/2018 | Sand Point | | Curlew | 118 | MW2, (Sea inlets and bays) | Terrestrial | AOD |
| 14/04/2018 | Lough Turk / Fullerton Dam | | Curlew | 1 | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) | Terrestrial. Heard calling from breeding site above lake shore | ND |
| 21/04/2018 | Lough Foyle | | Curlew | 7 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | Above Water | ND |
| 28/04/2018 | Lough Turk / Fullerton Dam | | Curlew | 1 | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) | Above Water | ND |
| 29/04/2018 | Lough Foyle | | Curlew | 13 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, (Sand shores) | Above Water | ND |



| | Wildfowl Distribution Surveys | | | | | | | | | | | |
|------------|-------------------------------|---------------|---------|--------|---|-------------|----------|--|--|--|--|--|
| Date | Location | Location Code | Species | No. of | Habitat | Activity | Surveyor | | | | | |
| | | | | birds | | | | | | | | |
| 09/05/2018 | Lough Turk / Fullerton | | Curlew | 1 | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, | Above Water | ND | | | | | |
| | Dam | | | | (Wet grassland) | | | | | | | |
| 09/05/2018 | Foyle Estuary | | Curlew | 3 | MW4, (Estuaries) MW2, (Sea inlets and bays) LS2, | Above Water | ND | | | | | |
| | | | | | (Sand shores) | | | | | | | |
| 26/05/2018 | Lough Turk / Fullerton | | Curlew | 1 | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, | Above Water | ND | | | | | |
| , , | Dam | | | | (Wet grassland) | | | | | | | |
| 21/03/2019 | Reservoir | | Curlew | 2 | HH4, (Montane heath) GS4, (Wet grassland) Two | Above Water | AOD | | | | | |
| | | | | | birds calling from north side of reservoir began at | | | | | | | |
| | | | | | 15:15. one bird flew across north side at 15:19 | | | | | | | |

| | Incidental Observations | | | | | | | | | | | |
|---|---------------------------|---------|-----------------|---|----------|--|--|--|--|--|--|--|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor | | | | | | | |
| %# \$ (#201, | Breeding Raptor Survey | Curlew | 1 | D6&Eff d'UbXVUb_YhVc[E; C(EfK Yh[fUggUbXEWF]b[V]fX]bD8&ZYk Ufci bXgLa YgdchfYdYUYXmWF]b[Efca]bUbXci hcZj]Yk dcggVma cfYhUbcbYV]fX"CZZglY" | AR | | | | | | | |
| %&#\$(#&\$%</td><td>Breeding Raptor Survey</td><td>Curlew</td><td>1</td><td>D6&Eff d'UbXVUb_YhVc[£7U]b[ZYkZfca gla YglchUgXLhhVZfY</td><td>AR</td></tr><tr><td>%&#\$(#&\$%</td><td>Breeding Raptor Survey</td><td>Curlew</td><td>1</td><td>68zfldUbXVUb_YhVc[Edcgg]VnigLaYV]fX"CYMhYXUhfYgYfjc]f"</td><td>AOD</td></tr><tr><td>82#\$) #8\$8%</td><td>Breeding Raptor Survey</td><td>Curlew</td><td>1</td><td> a dfcj YXU f]Whi fU [fUggUbX/ZcfU]b[</td><td>AOD</td></tr><tr><td>12/04/2018</td><td>Breeding Raptor Survey</td><td>Curlew</td><td>1</td><td>PB2, (Upland blanket bog) possibly same bird. Settled at reservoir.</td><td>AOD</td></tr></tbody></table> | | | | | | | | | | | | |



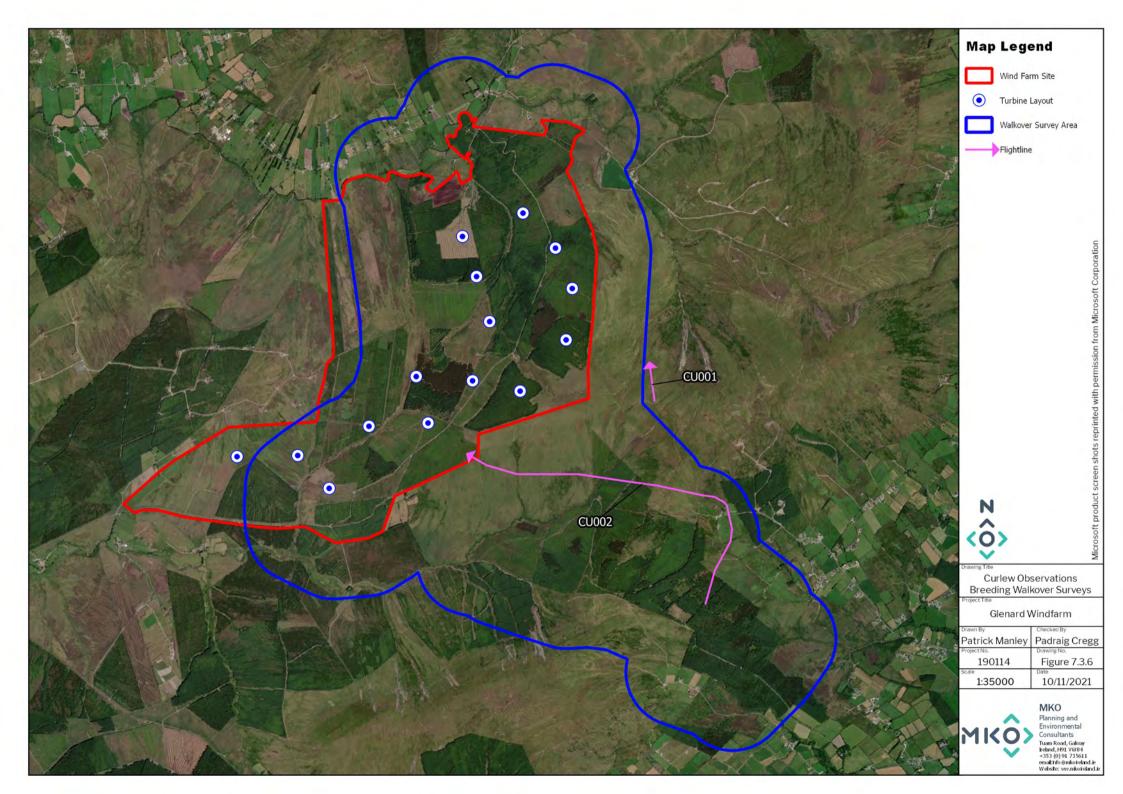




Table 19 Kestrel Survey Data

| | | | | | | | V | antage | Point Su | rveys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| K001 | 30/10/2016 | VP6 | Kestrel | 1 | 09:01:00 | 38 | 20 | 18 | 0 | PB2, (Upland blanket bog) WL2, (Treelines) In flight hunting | Travelling along woodland edge | AR |
| K002 | 20/11/2016 | VP4 | Kestrel | 1 | 15:19:00 | 20 | 17 | 3 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Flying along forestry edge | Male observed flying from forestry along fence line and up over adjoining plot | AR |
| K003 | 13/12/2016 | VP4 | Kestrel | 1 | 12:40:00 | 35 | 25 | 10 | 0 | PB2, (Upland blanket bog) Hunting | Male observed hunting over dense vegetation offsite | AR |
| K004 | 17/12/2016 | VP6 | Kestrel | 1 | 09:41:00 | 310 | 125 | 185 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Male observed hunting for several minutes. Hovering and swooping to the ground but unsuccessful | AR |
| K005 | 14/01/2017 | VP3 | Kestrel | 1 | 15:15:00 | 141 | 85 | 66 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | Female observed hunting over glen offsite. Within PCH circling twice. | AR |
| K006 | 17/01/2017 | VP5a | Kestrel | 1 | 16:10:00 | 48 | 31 | 17 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | Male hunting offsite for a time before flying onsite over plantation. | AR |
| K007 | 26/01/2017 | VP6 | Kestrel | 1 | 14:22:00 | 141 | 55 | 86 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | Male observed hunting over glen on and offsite. Hovering although difficult with gusts. Within PCH. | AR |
| K008 | 05/02/2017 | VP1a | Kestrel | 1 | 11:31:00 | 201 | 65 | 136 | 0 | PB2, (Upland blanket bog) WS5, (Recently felled woodland) Hunting | Female hunting over dense vegetation. Hovering several times within PCH before flying out of sight | AR |
| K0051 | 19/03/2017 | VP2 | Kestrel | 1 | 14:46:00 | 422 | 0 | 422 | 0 | WD4, (Conifer plantation) HH3, (Wet heath) Hunting | Hunting over site in PCH. | AR |
| K009 | 26/04/2017 | VP2a | Kestrel | 1 | 11:53:00 | 148 | 65 | 83 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) GS4, (Wet grassland) flying | Kestrel described above in relation to Buzzard observation | ND |



| | | | | | | | V | antage | Point Su | rveys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| K0010 | 05/05/2017 | VP5a | Kestrel | 1 | 13:38:00 | 75 | 75 | 0 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) flying | Male Kestrel appeared flying 15m over ground from conifer forest, 200-300m from VP5a, flew east and SE, travelling on. | ND |
| K0011 | 07/06/2017 | VP3 | Kestrel | 1 | 15:33 | 5 | 5 | 0 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) perched then flew off | Kestrel was seen perched on top of a small spruce sapling (self-seeded small tree among a scattering of same on heather bog) and remained perched for about 10mins. Then observed flying off quite low <10m to the NE towards forest edge. Out of view over contour profile of hill | ND |
| K0012 | 27/06/2017 | VP2a | Kestrel | 1 | 13:53 | 270 | 270 | | | PB2, (Upland blanket bog) WD4, (Conifer plantation) HH3, (Wet heath) flying | Male Kestrel spotted flying low from south-west, <5m over ground and lower over heather and other vegetation, in apparently atypical 'surprise' hunting technique (like hawk or harrier) then with twists and turn along edge of immature conifer plantation, then moving back north and north-eastward over plantation, pausing to hover a little (10m over ground) and then perch for a few minutes on small conifer top, before flying on out of view through trees | ND |
| K0013 | 16/07/2017 | VP1a | Kestrel | 1 | 14:58:00 | 17 | 17 | | | WD4, (Conifer plantation) Hunting | , , | PM |
| K0014 | 16/07/2017 | VP1a | Kestrel | 2 | 15:54:00 | 220 | | 220 | | WD4, (Conifer plantation) Hunting | | PM |
| K0015 | 16/07/2017 | VP1a | Kestrel | 1 | 16:44:00 | 173 | 173 | | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | | PM |



| | | | | | | | V | antage | Point Su | rveys | | |
|-------------|------------|------|---------|--------------------|----------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| K0016 | 16/07/2017 | VP1a | Kestrel | 2 | 16:57:00 | 309 | 154 | 155 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | | PM |
| K0017 | 16/07/2017 | VP1a | Kestrel | 1 | 17:04:00 | 620 | 200 | 420 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | | PM |
| K0018 | 18/07/2017 | VP6 | Kestrel | 1 | 12:02:00 | 71 | | 71 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | | PM |
| K0019 | 18/07/2017 | VP6 | Kestrel | 1 | 15:10:00 | 845 | 45 | 800 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | | PM |
| K0020 | 18/07/2017 | VP6 | Kestrel | 1 | 15:35:00 | 199 | | 199 | | PB2, (Upland blanket bog) Hunting | | PM |
| K0021 | 24/07/2017 | VP4 | Kestrel | 1 | 16:56:00 | 30 | 30 | | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | | PM |
| K0022 | 24/07/2017 | VP4 | Kestrel | 2 | 17:03:00 | 531 | 200 | 331 | | WD4, (Conifer plantation) Hunting | | PM |
| K0023 | 12/08/2017 | VP2a | Kestrel | 1 | 08:20:00 | 83 | 0 | 83 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) Hunting | Adult female hunting in PCH offsite. Flying east over site boundary. Mobbed my MP. | AR |
| K0024 | 12/08/2017 | VP2a | Kestrel | 1 | 09:30:00 | 635 | 30 | 605 | 0 | HH3, (Wet heath) Hunting | Hunting over heathland. Possibly same adult female. | AR |
| K0025 | 16/09/2017 | VP1a | Kestrel | 1 | 16:21:00 | 185 | 0 | 185 | 0 | PB2, (Upland blanket bog) Hunting | Male hunting west of vp1 within PCH. Moving SW after a time. | AR |
| K0026 | 22/09/2017 | VP5a | Kestrel | 1 | 17:29:00 | 93 | 20 | 73 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) Hunting | Adult male hunting offsite within PCH. Flying south east. | AR |
| K0027 | 22/09/2017 | VP5a | Kestrel | 1 | 18:05:00 | 71 | 0 | 71 | 0 | PB2, (Upland blanket bog) Hunting | Adult male hunting offsite, flying west | AR |



| | | | | | | | V | antage | Point Su | rveys | | |
|-------------|------------|------|---------|--------------------|----------------|------------------------------|-----------------------|-------------------------|--------------------------|--|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| K0028 | 30/09/2017 | VP6 | Kestrel | 1 | 15:10:00 | 225 | 0 | 225 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) Hunting | Male observed hunting over glen within PCH. Hovering often, mobbed by MP. Flying north. | AR |
| K0029 | 27/10/2017 | VP2a | Kestrel | 1 | 09:11:00 | 135 | 0 | 135 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) Hunting | Male hunting over Sorne Hill windfarm | AR |
| K0030 | 28/10/2017 | VP1a | Kestrel | 1 | 09:59:00 | 71 | 0 | 71 | 0 | PB2, (Upland blanket bog) Hunting | Adult male hunting offsite | AR |
| K0031 | 01/12/2017 | VP2a | Kestrel | 1 | 14:06:00 | 300 | 300 | | | WD4, (Conifer plantation) Adult male hunting | Male | AOD |
| K0032 | 18/12/2017 | VP2a | Kestrel | 1 | 09:55:00 | 114 | 0 | 114 | 0 | HH3, (Wet heath) WD4, (Conifer plantation) Hunting | Male hunting offsite within PCH | AR |
| K0033 | 05/01/2018 | VP6 | Kestrel | 1 | 11:30:00 | 295 | 195 | 100 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Male hunting over glen mostly offsite. Flew off west behind forestry. | AR |
| K0034 | 22/01/2018 | VP5a | Kestrel | 1 | 14:40:00 | 111 | 0 | 111 | 0 | PB2, (Upland blanket bog) Hunting | Male hunting offsite within PCH. Flew east behind hill. | AR |
| K0035 | 06/02/2018 | VP5a | Kestrel | 1 | 09:50:00 | 540 | 40 | | 500 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | Adult Male | КВ |
| K0036 | 06/02/2018 | VP5a | Kestrel | 1 | 10:33:00 | 360 | | | 360 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | Adult Male | KB |
| K0037 | 21/02/2018 | VP3 | Kestrel | 1 | 11:23:00 | 240 | | | 240 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | | KB |
| K0038 | 21/02/2018 | VP3 | Kestrel | 1 | 12:05:00 | 180 | | | 180 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | | KB |
| K0039 | 03/03/2018 | VP6 | Kestrel | 1 | 15:10:00 | 180 | 0 | 180 | 0 | PB2, (Upland blanket bog) Hunting | Male hunting over glen. | AR |



| | | | | | | | V | antage | Point Su | veys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| K0040 | 18/03/2018 | VP2a | Kestrel | 1 | 17:11:00 | 170 | 0 | 170 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | Hunting over Sorne Hill before flying out of sight. | AR |
| K0041 | 20/03/2018 | VP4 | Kestrel | 1 | 15:48:00 | 7 | 7 | | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunted at up to 5m over bog and forestry edges | Adult Male | RW |
| K0042 | 14/04/2018 | VP5a | Kestrel | 1 | 12:10:00 | 60 | 60 | | | PB2, (Upland blanket bog) WD4, (Conifer plantation) HH3, (Wet heath) Hunting | | ND |
| K0043 | 06/05/2018 | VP1a | Kestrel | 2 | 18:16:00 | 265 | | 240 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) GS4, (Wet grassland) Pair, flew N to S, passing 1km W of VP1a. | Poss. breeding site to SW of VP1a / Meenyanly | ND |
| K0044 | 21/07/2018 | VP4 | Kestrel | 1 | 13:03:00 | 230 | | 215 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Female foraging over Crockanure, pausing to hover. Continued over moor on Glackmore Hill. | | ND |
| K0045 | 21/07/2018 | VP4 | Kestrel | 1 | 13:46:00 | 110 | 110 | | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) Male Kestrel flew N to S, over WD4, >400m W of VP4. Flew direct over/through treetops, then over bog / heath to SW, out of view. | | ND |



| | | | | | | | V | antage | Point Su | rveys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| K0046 | 21/08/2018 | VP2a | Kestrel | 1 | 10:35:00 | 20 | 20 | | | WD4, (Conifer plantation) PB2, (Upland blanket bog) TRAVELLING | | AOD |
| K0047 | 21/08/2018 | VP2a | Kestrel | 1 | 11:38:00 | 200 | 60 | 140 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting edge of Sorne | | AOD |
| K0048 | 30/08/2018 | VP6 | Kestrel | 1 | 11:38:00 | 200 | 200 | | | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | | AOD |
| K0049 | 20/09/2018 | VP4 | Kestrel | 1 | 10:40:00 | 200 | 200 | | | PB2, (Upland blanket bog) GS4, (Wet grassland) Hunting, perched | Flew to an old nest (possible k nest from summer) on pylon spent 100s on nest preening before flew off | AOD |
| K0050 | 21/09/2018 | VP3 | Kestrel | 1 | 11:44:00 | 8 | 8 | | | PB2, (Upland blanket bog) GS4, (Wet grassland) TRAVELLING | | AOD |
| K0052 | 14/10/2018 | VP2 | Kestrel | 1 | 16:20:00 | 23 | 23 | 0 | 0 | GS4, (Wet grassland) PB2, (Upland blanket bog) Hunting | Hunting over Sorne Hill | AR |
| K0053 | 22/11/2018 | VP2 | Kestrel | 1 | 11:47:00 | 230 | 230 | | | PB2, (Upland blanket bog) HH4, (Montane heath) WD4, (Conifer plantation) Hunting bird from Sorne windfarm to site | | AOD |
| K0054 | 19/01/2019 | VP1 | Kestrel | 1 | 12:05:00 | 20 | 0 | 20 | | WD4, (Conifer plantation) GS4, (Wet grassland) Travelling over site | | AOD |
| K0055 | 15/03/2019 | VP1 | Kestrel | 1 | 11:23:00 | 14 | 14 | | | WD4, (Conifer plantation) Travelling north to south west edge of site | Female adult | AOD |
| K0056 | 10/04/2019 | VP3a | Kestrel | 1 | 12:14:00 | 65 | | 65 | | HH3, (Wet heath) PB2, (Upland blanket bog) | male | ND |



| | | | | | | | V | antage | Point Su | rveys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|-----------------------|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| | | | | | | | | | | hovering 300m south of VP and made spiralling descent towards ground/prey out of view | | |
| K0057 | 10/04/2019 | VP3a | Kestrel | 1 | 12:21:00 | 74 | | 74 | | HH3, (Wet heath) PB2, (Upland blanket bog) Male seen again, hovering and moving position twice SW of VP the moving SW. Made descent rapidly out of view in Valley. | Male | ND |
| K0058 | 13/07/2019 | VP1a | Kestrel | 1 | 10:54:00 | 35 | | 5 | 30 | PB2, (Upland blanket bog) HH3, (Wet heath) Foraging, hovering, moving southwest | Breeding territory | ND |
| K009 | 16/07/2019 | VP3a | Kestrel | 1 | 10:12:00 | 106 | | | 106 | PB2, (Upland blanket bog) HH3, (Wet heath) KESTREL foraging, hovering, 500m SW of VP3a, then dipped down into valley | In breeding territory | ND |
| K0060 | 16/07/2019 | VP3a | Kestrel | 1 | 12:14:00 | 60 | | | 60 | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) male foraging then circling; distant | In breeding territory | ND |
| K0061 | 16/07/2019 | VP3a | Kestrel | 1 | 12:43:00 | 30 | | 30 | | PB2, (Upland blanket bog) GS4, (Wet grassland) HH3, (Wet heath) TRAVELLING; flying low from E to W, through bottom of valley | In breeding territory | ND |



| Vantage Point Surveys | | | | | | | | | | | | |
|-----------------------|------------|-----|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|----------|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| K0062 | 20/07/2019 | VP4 | Kestrel | 1 | 12:49:00 | 140 | | | 110 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Travelling | | ЈВ |
| K0063 | 27/07/2019 | VP6 | Kestrel | 1 | 15:26:00 | 84 | | | 84 | WD4, (Conifer plantation) GS4, (Wet grassland) HH3, (Wet heath) Foraging. Flew into view over Crockanure forest, then river valley, where hovering and moving eastward over stream area, forest edge | Male | ND |
| K0064 | 23/08/2019 | VP2 | Kestrel | 1 | 16:24:00 | 360 | 360 | | | PB4, (Cutover bog) WD4, (Conifer plantation) Hunting | | JK |
| K0065 | 23/08/2019 | VP2 | Kestrel | 1 | 20:01:00 | 100 | 100 | | | PB4, (Cutover bog) hunting | | JK |
| K0066 | 11/09/2019 | VP6 | Kestrel | 2 | 09:30:00 | 500 | 500 | | | GS4, (Wet grassland) Mobbing | AD/Pair | JK |

| | Vantage Point Survey 2021 | | | | | | | | | | | | |
|----------|---------------------------|------------|-------|---------|--------|---------------------------|----------------|--------------------|-------------------|-------------------|--|----------|--|
| Map Ref. | VP | Date | Time | Species | Number | duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and Activity | Surveyor | |
| K067 | VP5 | 22/01/2021 | 11:14 | Kestrel | 1 | 510 | 241 | 269 | | | conifer plantation and raised bog; hunting over feemuck. flew off in easterly direction., male | DM | |
| K068 | VP2 | 09/02/2021 | 14:00 | Kestrel | 1 | 60 | | | 60 | | raised bog; soaring, male | MM | |
| K069 | VP7 | 22/02/2021 | 11:35 | Kestrel | 1 | 45 | | | 45 | | raised bog; travelling, female | MM | |
| K070 | VP1a | 11/04/2021 | 11:05 | Kestrel | 1 | 150 | 0 | 20 | 130 | 0 | conifer plantation; k. male started to gain height over forestry. lost sight | PW | |
| K071 | VP7 | 16/05/2021 | 12:06 | Kestrel | 1 | 195 | 12 | 183 | 0 | 0 | bogs; hovering/hunting, male | PW | |



| | | | | | | Vantage 1 | Point Su | rvey 2021 | 1 | | | |
|----------|-----|------------|-------|---------|--------|---------------------------|----------------|--------------------|-------------------|-------------------|--|----------|
| Map Ref. | VP | Date | Time | Species | Number | duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and Activity | Surveyor |
| K072 | VP2 | 22/05/2021 | 16:15 | Kestrel | 1 | 45 | 0 | 0 | 45 | 0 | bogs; hovering, hovering near turbine | MM |
| K073 | VP7 | 07/06/2021 | 12:11 | Kestrel | 1 | 285 | 0 | 285 | 0 | 0 | bogs and conifer plantation; hunting, lost sight | PW |
| K074 | VP4 | 15/07/2021 | 09:22 | Kestrel | 1 | 94 | 23 | 71 | 0 | 0 | bogs; ad male hunting. moved off out of site in SW direction, ad male | DM |
| K075 | VP7 | 25/07/2021 | 11:30 | Kestrel | 1 | 45 | 0 | 45 | 0 | 0 | bogs; hovering then went out of site behind forest | MM |
| K076 | VP7 | 25/07/2021 | 12:55 | Kestrel | 1 | 60 | 0 | 45 | 0 | 0 | bogs; hunting over moorland then moved downward | MM |
| K077 | VP2 | 31/07/2021 | 13:55 | Kestrel | 1 | 30 | 30 | 0 | 0 | 0 | bogs; travelling low and fast in SW direction, male | MM |
| K078 | VP7 | 21/08/2021 | 10:22 | Kestrel | 1 | 41 | 0 | 41 | 0 | 0 | conifer plantation and bogs; travelling low and fast in SW direction, adult male travelling in NE direction @ circa 20m | DM |
| K079 | VP2 | 31/08/2021 | 11:04 | Kestrel | 1 | 204 | 71 | 133 | 0 | 0 | bogs; hunting, ad female hunting | DM |
| K080 | VP6 | 20/09/2021 | 14:12 | Kestrel | 1 | 346 | 224 | 122 | 0 | 0 | bogs; hunting, ad male hunting | MM |
| K081 | VP7 | 25/09/2021 | 17:00 | Kestrel | 1 | 540 | 40 | 120 | 380 | 0 | | MM |
| K082 | VP3 | 28/09/2021 | 17:15 | Kestrel | 1 | 30 | 15 | 15 | 0 | 0 | improved agricultural grassland; flew and landed on tree | MM |
| K083 | VP3 | 28/09/2021 | 19:32 | Kestrel | 1 | 60 | 10 | 50 | 0 | 0 | conifer plantation and bogs; flew over forest and landed on an ESB pole | MM |

| | Vantage Point Survey – Non-flight Observations | | | | | | | | | | |
|------------|--|---------|--------------|----------|-----------------|----------|--|--|--|--|--|
| Date | VP | Species | No. of Birds | Time | Comments | Surveyor | | | | | |
| 20/07/2017 | VP5a | Kestrel | 1 | 16:02:00 | Heard, Not seen | PM | | | | | |



| | | | | | Breeding Walkover Surveys | | |
|-----------------|----------------|----------|---------|-----------------|---|--|----------|
| Map Ref. No. | Survey Date | Time | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| K001 | 07/07/2017 | 11:19 | Kestrel | 1 | PB2, (Upland blanket bog) Hunting | Suitable nesting habitat; Possible breeder | AR |
| K002 | 05/04/2018 | 11:38:00 | Kestrel | 1 | Hunting (soaring and hovering) near same windfarm | Male | AOD |
| K003 | 20/06/2018 | 14:51:00 | Kestrel | 1 | WD4, (Conifer plantation) PB2, (Upland Blanket Bog) Hunting/hovering on site | | AOD |
| K004 | 25/06/2018 | 12:03:00 | Kestrel | 1 | GS4, (Wet grassland) Hovering over GS4 | | AOD |
| K005 | 19/07/2018 | 16:48:00 | Kestrel | 1 | WD4, (Conifer plantation) WS5, (Recently felled woodland) Hunting west of site. Same area | | AOD |
| K006 | 16/05/2021 | 15:11 | Kestrel | 1 | bogs; hunting, male (suitable nesting habitat; possible breeder) | | PW |
| K007 | 06/06/2021 | 19:30 | Kestrel | 1 | bogs; hunting, male (suitable nesting habitat; possible breeder) | | PW |
| K008 | 11/07/2021 | 19:20 | Kestrel | 1 | bogs; hunting, male (suitable nesting habitat; possible breeder) | | PW |

| | | | | | Breeding Raptor Surveys | | |
|-----------------|----------------|---------------------|---------|-----------------|--|---|----------|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| K001 | 14/04/2017 | 12:00:00 | Kestrel | 1 | HH3, (Wet heath) Hunting | Flying over; Non-breeding | AR |
| K002 | 16/04/2017 | 13:10:00 | Kestrel | 1 | HH3, (Wet heath) Hunting | Flying over; Non-breeding | AR |
| K003 | 30/04/2017 | 09:01:00 | Kestrel | 1 | HH3, (Wet heath) PB2, (Upland blanket bog) Hunting | Suitable nesting habitat; Possible breeder | AR |
| K004 | 07/05/2017 | 12:50:00 | Kestrel | 1 | PB2, (Upland blanket bog) Hunting | Suitable nesting habitat; Possible breeder | AR |
| K005 | 16/05/2017 | 08:35:00 | Kestrel | 1 | PB2, (Upland blanket bog) Hunting | Species observed but suspected to be still on Migration; Non-breeding | AR |
| K006 | 18/06/2017 | 11:13:00 | Kestrel | 1 | HH3, (Wet heath) Hunting | Suitable nesting habitat; Possible breeder | AR |



| | | | | | Breeding Raptor Surveys | | |
|-----------------|----------------|---------------------|---------|-----------------|--|--|----------|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| K007 | 08/07/2017 | 11:20:00 | Kestrel | 1 | HH3, (Wet heath) Hunting | Suitable nesting habitat; Possible breeder | AR |
| K008 | 30/07/2017 | 13:10:00 | Kestrel | 1 | PB2, (Upland blanket bog) HH3, (Wet heath) Hunting | Suitable nesting habitat; Possible breeder | AR |
| K009 | 10/04/2018 | 14:10:00 | Kestrel | 1 | PB4, (Cutover bog) hunting over bog 120s band 2/3. offsite | Male | AOD |
| K0010 | 11/04/2018 | 15:20:00 | Kestrel | 1 | PB2, (Upland blanket bog) travelling on Illies Hill offsite | Male | AOD |
| K0011 | 11/04/2018 | 15:41:00 | Kestrel | 1 | PB2, (Upland blanket bog) travelling on Illies Hill. Offsite | Male | AOD |
| K0012 | 13/04/2018 | 14:08:00 | Kestrel | 2 | WD4, (Conifer plantation) Mating pair on treetops copulated twice in 10 mins, then male flew off hunting. Offsite | Male and female | AOD |
| K0013 | 18/05/2018 | 14:18:00 | Kestrel | 1 | PB, (Bogs) WD4, (Conifer plantation) In flight | Commuting over conifer and bog | JOS |
| K0014 | 18/05/2018 | 15:57:00 | Kestrel | 1 | PB, (Bogs) WD4, (Conifer plantation) In flight | Commuting over conifer and bog | JOS |
| K0015 | 07/06/2018 | 16:45:00 | Kestrel | 1 | WD4, (Conifer plantation) Female with prey flew into trees probable nest at N55 14418 W734178 flew away for some time and returned to some spot row of WD4 | | AOD |
| K0016 | 16/07/2018 | 16:28:00 | Kestrel | 1 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Male hunting off site then flew on | | AOD |
| K0017 | 16/07/2018 | 18:18:00 | Kestrel | 1 | GA1, (Improved agricultural grassland) WD4, (Conifer plantation) Male adult hunting over GA1 and WD4 near 2km buffer | | AOD |
| K0018 | 17/04/2019 | 09:12:00 | Kestrel | 1 | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) flying past along forest edge zone NE to SW. No Flight recorded as obscured by trees | Sorne Hill C4031 | ND |
| K0019 | 15/05/2019 | 13:02:00 | Kestrel | 2 | HH3, (Wet heath) GS3, (Dry-humid acid grassland) Travelling: Female and male flew NE uphill slope N of L Turk reservoir, >25m above ground | pair in suitable breeding habitat | ЈВ |
| K0020 | 21/05/2019 | 13:18:00 | Kestrel | 1 | HH3, (Wet heath) Foraging: Male hovering 25m high over heathy slopes, then flew overhead and to NW over hilltop. | Adult male in suitable breeding habitat | ND |
| K0021 | 27/07/2019 | 13:02:00 | Kestrel | 1 | WD4, (Conifer plantation) Male K. flew a broad circling site-fixed flight 20m high over forested habitat in Meenyanly at valley bottom. Distant obs. >1km | Likely K. breeding site in this area. | ND |
| K022 | 22/04/2021 | 12:14 | Kestrel | 1 | raised bog, hunting, adult male, moved in a south direction | | DM |



| | | | | | Breeding Raptor Surveys | | |
|----------|------------|-------------|---------|-------|---|----------|----------|
| Map Ref. | Survey | Time of | Species | | Habitat and Activity | Comments | Surveyor |
| No. | Date | observation | | birds | | | |
| K023 | 21/05/2021 | 12:00 | Kestrel | 1 | bogs, hunting, hunting close to turbines | | MM |
| K024 | 12/06/2021 | 10:12 | Kestrel | 1 | bogs, mobbed buzzard fiercely, stooping repeatedly at it | | MM |
| K025 | 13/06/2021 | 09:43 | Kestrel | 1 | bogs and conifer plantation, hunting, ad male | | DM |
| K026 | 10/07/2021 | 10:40 | Kestrel | 1 | improved agricultural grassland, soaring then traveling, starling flock startled as the kestrel went over | | MM |
| K027 | 18/07/2021 | 11:23 | Kestrel | 1 | bogs, ad female hunting over bog | | DM |
| K028 | 19/07/2021 | 09:14 | Kestrel | 1 | bogs, ad male hunting over bog, ad male | | DM |

| | | | | | Win | ter Walkover Surveys | |
|----------|------------|----------|---------|--------------|------------|---|----------|
| Map Ref. | Date | Time | Species | No. of birds | Sex/age | Habitat and Activity | Surveyor |
| K001 | 29/10/2016 | 08:31 | Kestrel | 1 | Adult male | WD4, (Conifer plantation) Mobbed by RN/HC | AR |
| K002 | 18/12/2016 | 14:39 | Kestrel | 1 | adult male | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting over dense vegetation | AR |
| K003 | 18/03/2017 | 08:31 | Kestrel | 1 | Adult male | HH3, (Wet heath) Hunting | AR |
| K004 | 14/10/2017 | 12:07:00 | Kestrel | 1 | | Wet Heath, Hunting | AR |
| K005 | 15/10/2017 | 09:27:00 | Kestrel | 1 | | Half day WWS. 1 target species recorded. 4 in total for WWS. | AR |
| K006 | 16/12/2017 | 13:39 | Kestrel | 1 | | PB2, (Upland blanket bog) Hunting | AR |
| K007 | 27/01/2018 | 10:09:00 | Kestrel | 1 | | PB2, (Upland blanket bog) Hunting | AR |
| K008 | 18/01/2019 | 14:58:00 | Kestrel | 1 | Adult male | Hunting Band 1 on site. Perched for 140s | AOD |

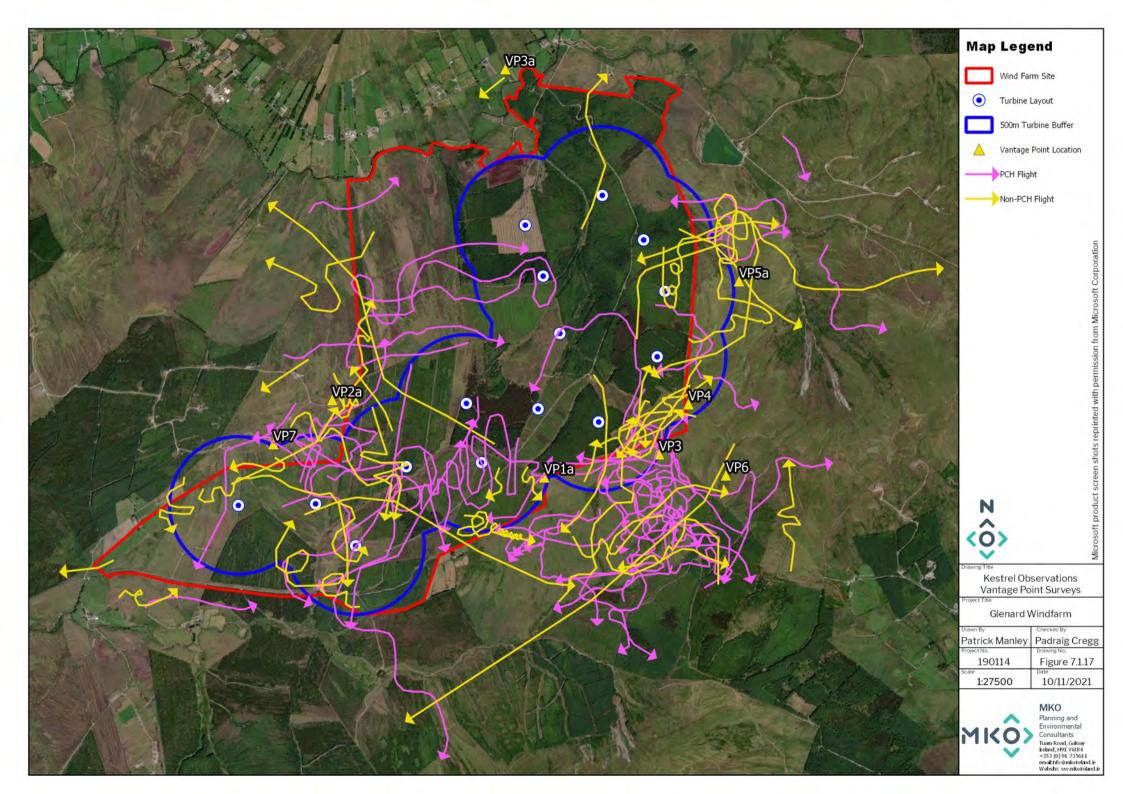


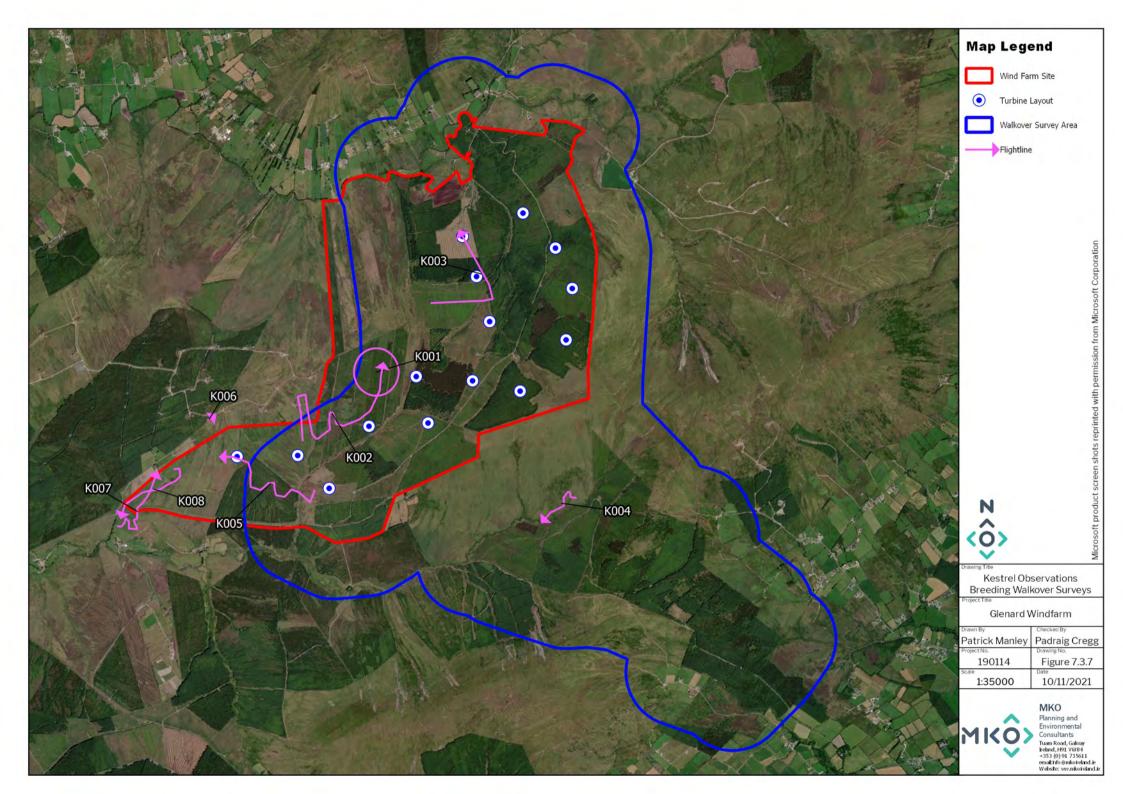
| | | | | | Migration Vantage Point Surveys | | | | | |
|------------------------|---|-----------------|---------|---|---|--|-----|--|--|--|
| Map Ref. | Map Ref. Date VP Species No. of birds Notes on habitat and activity Comments Surveyor | | | | | | | | | |
| No Flight Available | 31/08/2016 | Migration vp | Kestrel | 1 | Soaring/ hunting over conifer plantation edge, PB2 bog, and south over GA1 agricultural grassland, towards shore. | | JOS | | | |

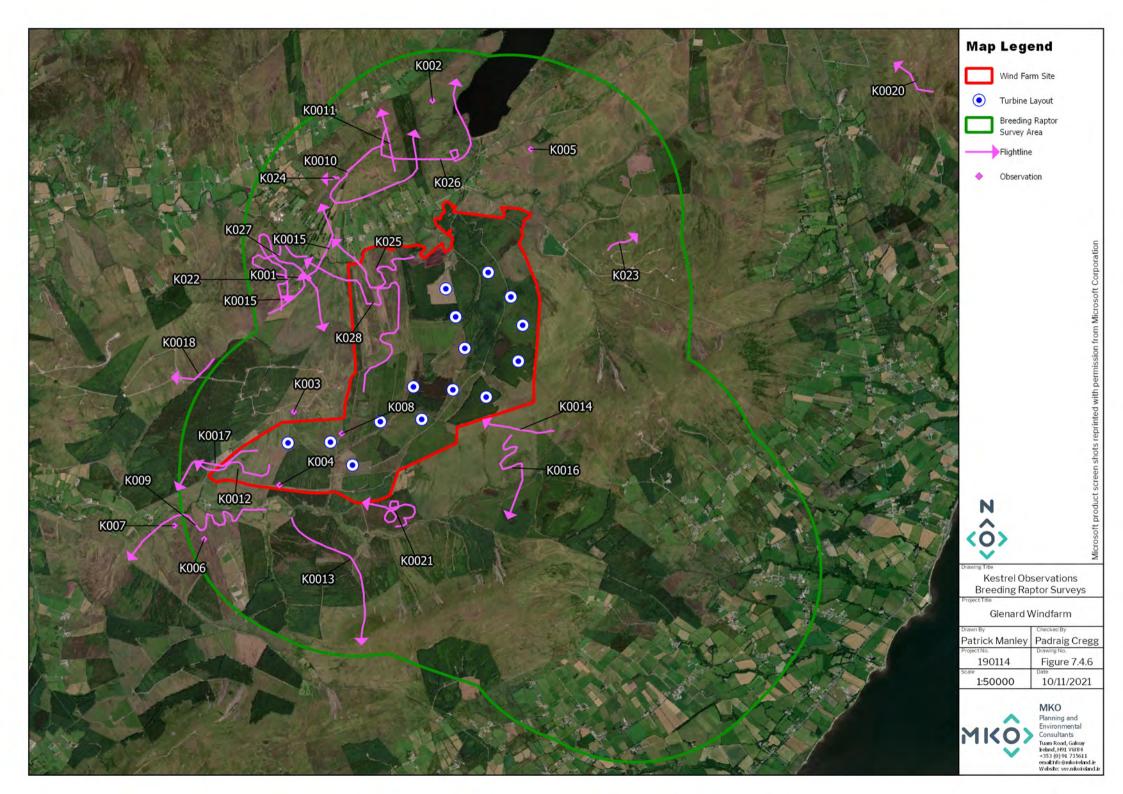
| | | | | Incidental Observation | |
|------------|-------------------------------|---------|-----------------|--|----------|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor |
| 25/11/2016 | During HH survey at Area 4 | Kestrel | 1 | In flight over site boundary | AR |
| 17/12/2016 | During HH roost survey | Kestrel | 1 | Observed hunting over heathland to the west of site | AR |
| 27/02/2017 | During HH dusk survey | Kestrel | | In flight along site boundary | AR |
| 09/10/2017 | HH Roost Survey | Kestrel | 1 | Hunting | AR |
| 09/10/2017 | HH Roost Survey | Kestrel | | No HH Activity. 1 K adult male Hunting | AR |
| 15/10/2017 | HH Roost Survey | Kestrel | 1 | Hunting | AR |
| 15/10/2017 | HH Roost Survey | Kestrel | | No HH Activity. 2 BZ hunting offsite, K in flight over southern boundary | AR |
| 19/11/2017 | Waterfowl survey | Kestrel | | hunting | AR |
| 04/12/2017 | HH Roost Survey | Kestrel | 1 | | AR |
| 11/12/2017 | VP Survey | Kestrel | | First seen as observer returned to car after watch. Bird flew up the hill towards VP5a, lost to sight above conifers. Then seen again 2 minutes later flying North to South on the west side of the access road, then flew west over conifers and was lost to sight. | СМс |
| 22/12/2017 | Waterfowl Survey | Kestrel | 1 | | AR |
| 02/01/2018 | During waterfowl count | kestrel | | | AR |
| 21/01/2018 | During HH roost survey | kestrel | | | AR |

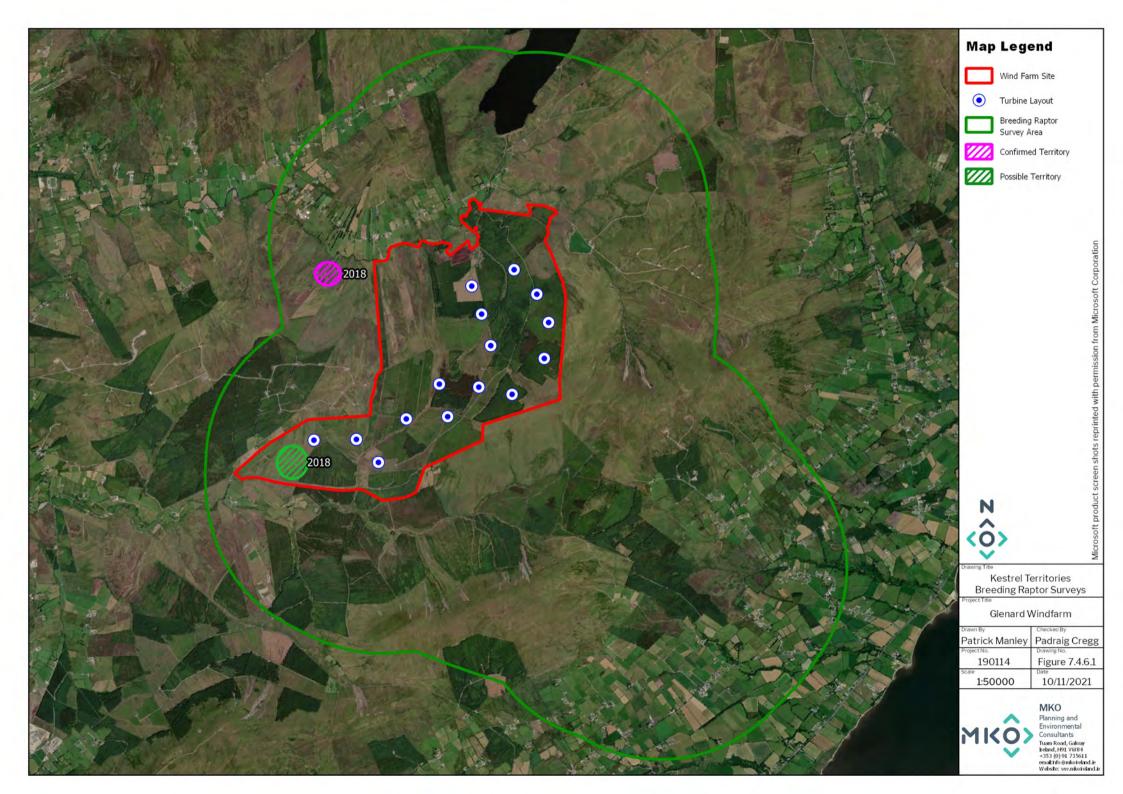


| | | | | Incidental Observation | |
|------------|---------------------------|---------|--------|---|----------|
| Date | Survey Type | Species | No. of | Notes | Surveyor |
| 24/01/2018 | During HH roost survey | kestrel | Birds | In flight offsite | AR |
| 21/02/2018 | HH Roost | Kestrel | 1 | K and BZ appeared together flying over valley from SW to NE, K was mobbing BZ | KB |
| 14/04/2018 | Lough Inn | Kestrel | 1 | Flying | ND |
| 05/10/2018 | HH VP5 | Kestrel | 2 | Male and female recorded outside of 2km buffer | AR |
| 29/10/2018 | HHVP4 | Kestrel | 1 | Male in flight off site | AR |
| 14/03/2019 | HHVP6 | Kestrel | 1 | Flew from south site to north band 2 | AOD |
| 21/03/2019 | HHVP2 | Kestrel | 1 | Hunting west of HHVP 18:45 | AOD |
| 28/01/2021 | HH Roost; HHVP3 | Kestrel | 1 | PB1, (Raised bog) Traveling. Adult Male | MM |









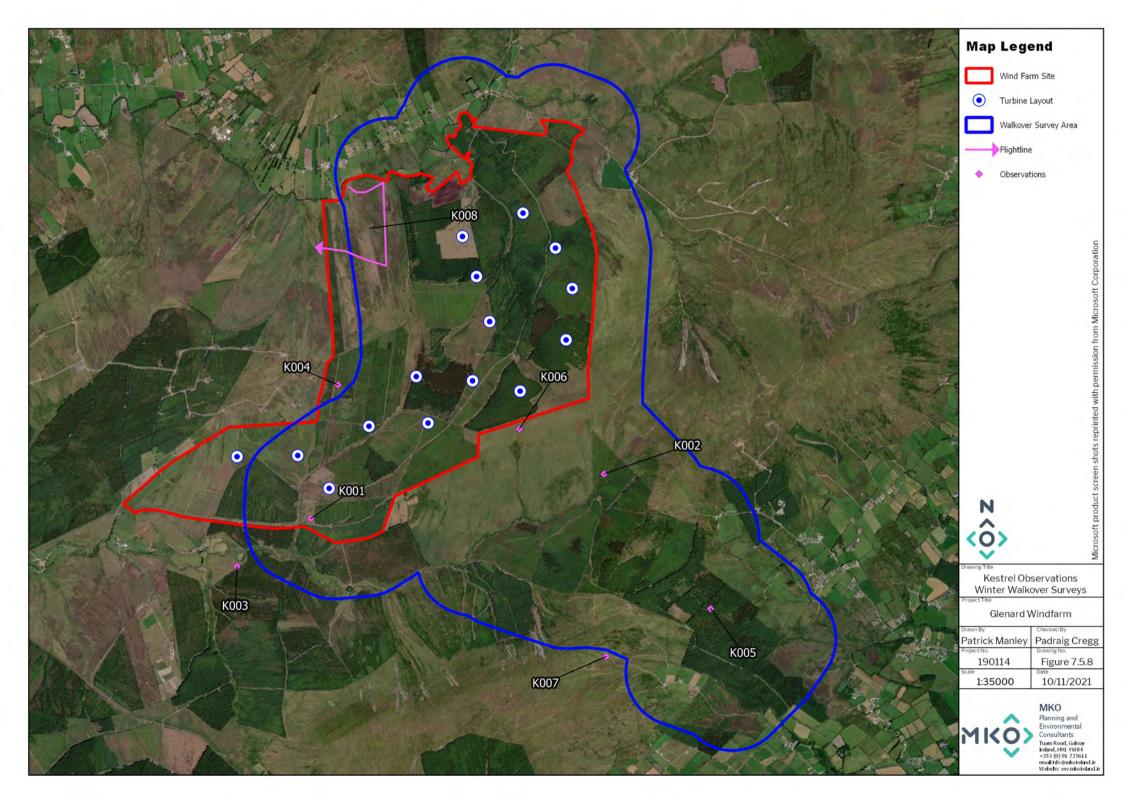




Table 20 Red Grouse Survey Data

| | | | | | Winter Wal | kover Surveys | |
|----------|------------|----------|------------|--------------|------------|--|----------|
| Map Ref. | Date | Time | Species | No. of birds | Sex/age | Habitat and Activity | Surveyor |
| RG001 | 29/10/2016 | 12:41:00 | Red Grouse | 1 | Adult male | PB2, (Upland blanket bog) Flushed out during walkover transect | AR |

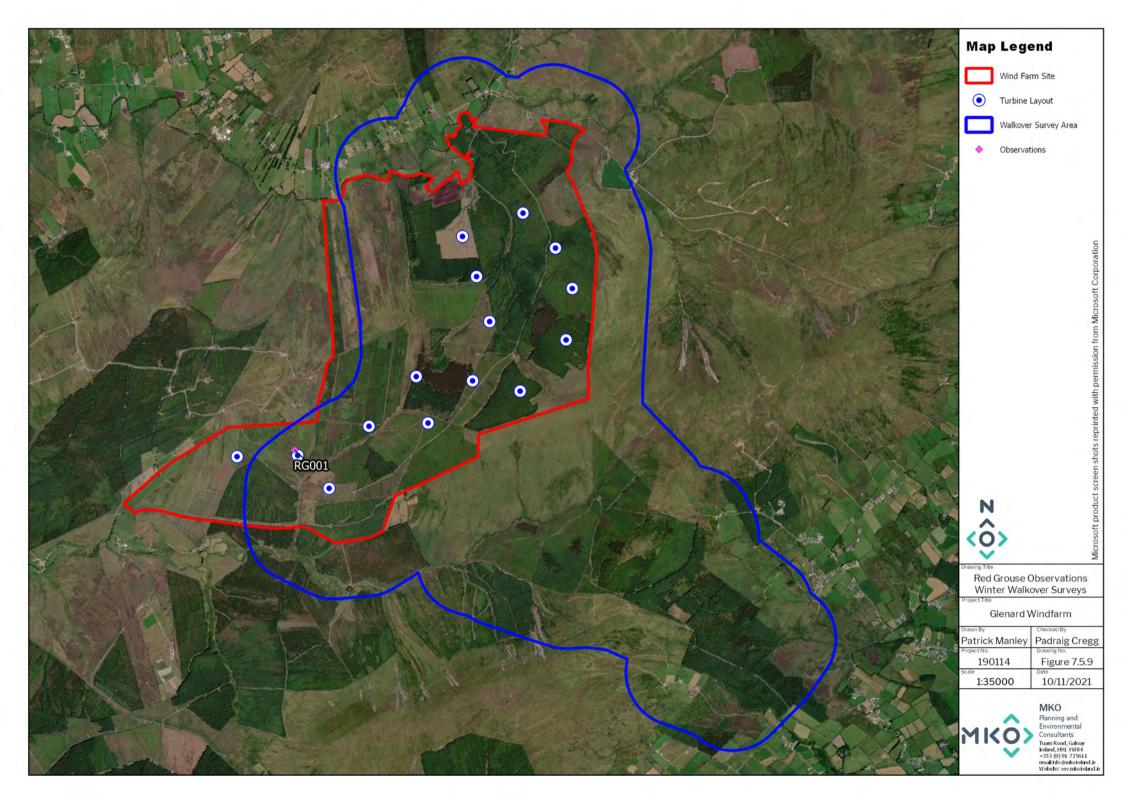




Table 21 Snipe Survey Data

| | | | | | | | Var | ntage Po | int Survey | VS | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| SN001 | 22/10/2016 | VP2a | Snipe | 1 | 08:14:00 | 18 | 5 | 13 | 0 | PB2, (Upland blanket bog) HH3, (Wet heath) Flushed | Emerging with alarm call, zig-zag flight before landing | AR |
| SN002 | 23/10/2016 | VP4 | Snipe | 1 | 07:35:00 | 15 | 15 | 0 | 0 | HH3, (Wet heath) Rose for a short distance | Emerged from dense vegetation flying for a short period before landing again | AR |
| SN003 | 30/10/2016 | VP6 | Snipe | 1 | 10:51:00 | 7 | 7 | 0 | 0 | PB2, (Upland blanket bog) HH3, (Wet heath) Amongst vegetation | Heard calling before taking flight for a short period of time | AR |
| SN004 | 05/11/2016 | VP1a | Snipe | 1 | 13:10:00 | 11 | 11 | 0 | 0 | PB2, (Upland blanket bog) Flushed | Flew from vegetation for a short distance | AR |
| SN005 | 05/11/2016 | VP1a | Snipe | 1 | 17:10:00 | 18 | 18 | 0 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) Flew into dense vegetation | | AR |
| SN006 | 19/11/2016 | VP6 | Snipe | 2 | 16:48:00 | 11 | 11 | 0 | 0 | PB2, (Upland blanket bog) Coming into roost | Observed and heard coming into roost | AR |
| SN007 | 20/11/2016 | VP4 | Snipe | 1 | 17:21:00 | 9 | 9 | 0 | 0 | PB2, (Upland blanket bog) Flushed | Flushed from dense vegetation | AR |
| SN008 | 22/11/2016 | VP2a | Snipe | 1 | 15:12:00 | 6 | 6 | 0 | 0 | HH3, (Wet heath) Calling, in flight | Heard calling and in flight momentarily before landing | AR |
| SN009 | 22/11/2016 | VP2a | Snipe | 1 | 14:20:00 | 5 | 5 | 0 | 0 | HH3, (Wet heath) In flight | Took flight for a short duration whilst sounding alarm calls | AR |
| SN0010 | 26/11/2016 | VP5a | Snipe | 1 | 16:47:00 | 17 | 10 | 7 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Flying into roost | Flying in to roost in dense vegetation | AR |
| SN0011 | 06/12/2016 | VP3 | Snipe | 1 | 07:51:00 | 17 | 17 | 0 | 0 | PB2, (Upland blanket bog) Flushed | Individual flushed from dense vegetation landing 80 metres away | AR |
| SN0012 | 11/12/2016 | VP2a | Snipe | 1 | 11:03:00 | 35 | 12 | 23 | | HH3, (Wet heath) In flight calling | Rose from dense cover sounding alarm calls, entering PCH before descending rapidly | AR |



| | | | | | | | Var | ntage Po | int Survey | ys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| SN0013 | 11/02/2017 | VP3 | Snipe | 1 | 09:21:00 | 19 | 19 | 0 | 0 | PB2, (Upland blanket bog) Flushed | Flushed from dense cover by sheep | AR |
| SN0014 | 18/02/2017 | VP6 | Snipe | 1 | 09:21:00 | 16 | 9 | 7 | 0 | PB2, (Upland blanket bog) Flushed | Rose from cover in flight for a short time before landing in cover again | AR |
| SN0018 | 04/03/2017 | VP1 | Snipe | 1 | 18:10:00 | 19 | 19 | 0 | 0 | PB2, (Upland blanket bog) Flying into roost | Flying into roost amongst dense tussocks close to vp1. | AR |
| SN0015 | 19/03/2017 | VP2a | Snipe | 1 | 19:15:00 | 24 | 19 | 5 | 0 | HH3, (Wet heath) Flushed from heather | Flushed from Heather. | AR |
| SN0016 | 31/03/2017 | VP6 | Snipe | 2 | 20:31:00 | 31 | 31 | 0 | 0 | PB2, (Upland blanket bog) In flight | Two heard calling and seen flying into roost | AR |
| SN0017 | 25/05/2017 | VP6 | Snipe | 2 | 20:44:00 | 300 | 0 | 300 | 0 | PB2, (Upland blanket bog) GS4, (Wet grassland) HH3, (Wet heath) flying | SN in drumming flight at 30m to 60m over variably sloping terrain, within circle of flight area, marked on map. 5 mins duration covers beginning to end of period when seen or heard drumming | ND |
| SN0019 | 14/10/2018 | VP2 | Snipe | 1 | 17:11:00 | 18 | 18 | 0 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) Flushed | Flushed from vegetation offsite | AR |
| SN0020 | 20/12/2018 | VP2 | Snipe | 6 | 13:18:00 | 18 | 18 | | | WD4, (Conifer plantation) HH4, (Montane heath) Flock flew in and settled on site | | AOD |
| SN0021 | 20/12/2018 | VP2 | Snipe | 1 | 13:52:00 | 5 | 5 | | | HH4, (Montane heath) WD4, (Conifer plantation) Chased by sh into wd4 | | AOD |
| SN0022 | 09/01/2019 | VP5 | Snipe | 1 | 12:39:00 | 20 | 10 | 10 | | GS4, (Wet grassland) FLYING | | AOD |
| SN0023 | 21/05/2019 | VP5 | Snipe | 1 | 06:35:00 | 300 | | 300 | | PB2, (Upland blanket bog) HH3, (Wet heath) PF2, (Poor fen and flush) | | ЈВ |
| SN0024 | 28/05/2019 | VP6 | Snipe | 2 | 08:34:00 | 240 | | 240 | | PB2, (Upland blanket bog) HH3, (Wet heath) GS4, (Wet | Breeding territory | ND |



| | Vantage Point Surveys | | | | | | | | | | | |
|-------------|-----------------------|-----|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| | | | | | | | | | | grassland) Combined records of chipping (06:23 onwards) and drumming flights from 08:34 to 08:55 | | |
| SN0025 | 19/06/2019 | VP4 | Snipe | 3 | 09:00:00 | 16 | 16 | | | PB2, (Upland blanket bog) Flying together alarm calling. There is a wet flush on the side of the valley that they could have been feeding or roosting at before being disturbed. Offsite. | Flying together alarm calling. There is a wet flush on the side of the valley that they could have been feeding or roosting at before being disturbed. Offsite. | JB |

| | Vantage Point Non-Flight Observations | | | | | | | | | | | |
|------------|---|-------|---|----------|---|----|--|--|--|--|--|--|
| Date | Date VP Species No. of Birds Time Comments Surveyor | | | | | | | | | | | |
| 30/06/2017 | VP6 | Snipe | 1 | 14:15:00 | Snipe chipping (not seen, not flying) lower down in stream valley 300m N of VP6 | ND | | | | | | |
| 27/05/2018 | 6 | Snipe | 1 | 18:50:00 | Chipping in rushy flush zone. Heard. No flight | ND | | | | | | |
| 20/04/2019 | 3a | Snipe | 1 | 18:42:00 | SE in valley bottom, chipping | ND | | | | | | |
| 16/07/2019 | 3a | Snipe | 2 | 08:35:00 | Snipe chipping intermittently over 2-hour period. In valley bottom 700m S of Vp3a | ND | | | | | | |
| 23/07/2019 | 5 | Snipe | 1 | 10:51:00 | Snipe chipping 300m to NE | JB | | | | | | |

| | Breeding Walkover Surveys | | | | | | | | | | | |
|-------|--|-------|-------|-------|--|--|----|--|--|--|--|--|
| Map | Map Date Time Species No. of Habitat and Activity Comments Surve | | | | | | | | | | | |
| Ref. | | | | birds | | | | | | | | |
| SN001 | 09/04/2017 | 12:31 | Snipe | 1 | PB2, (Upland blanket bog) In flight into flush | Suitable nesting habitat; Possible breeder | AR | | | | | |



| | | | | | Breeding Walkover Surveys | | |
|-------------|------------|----------|---------|-----------------|--|---|----------|
| Map Ref. | Date | Time | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| SN002 | 15/04/2017 | 12:30 | Snipe | 1 | HH3, (Wet heath) Flushed | Suitable nesting habitat; Possible breeder | AR |
| SN003 | 15/04/2017 | 12:50 | Snipe | 1 | HH3, (Wet heath) Flushed | Suitable nesting habitat; Possible breeder | AR |
| SN004 | 17/04/2017 | 10:20 | Snipe | 1 | PB2, (Upland blanket bog) Calling | Suitable nesting habitat; Possible breeder | AR |
| SN005 | 17/04/2017 | 10:40 | Snipe | 1 | PB2, (Upland blanket bog) In flight | Suitable nesting habitat; Possible breeder | AR |
| SN006 | 29/04/2017 | 10:14 | Snipe | 1 | HH3, (Wet heath) Aggressive behaviour | Agitated behaviour or anxiety calls; Probable breeding | AR |
| SN007 | 06/05/2017 | 12:45 | Snipe | 1 | PB2, (Upland blanket bog) Aggressive behaviour | Agitated behaviour or anxiety calls; Probable breeding | AR |
| SN008 | 06/05/2017 | 13:35 | Snipe | 1 | PB2, (Upland blanket bog) Alarm call | Agitated behaviour or anxiety calls; Probable breeding | AR |
| SN009 | 13/05/2017 | 09:40 | Snipe | 1 | HH3, (Wet heath) Aggressive behaviour | Agitated behaviour or anxiety calls; Probable breeding | AR |
| SN0010 | 18/05/2017 | 12:06 | Snipe | 1 | PB2, (Upland blanket bog) Aggressive behaviour | Agitated behaviour or anxiety calls; Probable breeding | AR |
| SN0011 | 20/05/2017 | 09:26 | Snipe | 1 | PB2, (Upland blanket bog) Aggressive behaviour | Agitated behaviour or anxiety calls; Probable breeding | AR |
| SN0012 | 10/06/2017 | 09:59 | Snipe | 1 | PB2, (Upland blanket bog) Territorial call | Agitated behaviour or anxiety calls; Probable breeding | AR |
| SN0013 | 10/06/2017 | 11:30 | Snipe | 1 | HH3, (Wet heath) Aggressive behaviour | Agitated behaviour or anxiety calls; Probable breeding | AR |
| SN0014 | 11/06/2017 | 08:59 | Snipe | 1 | HH3, (Wet heath) Calling in flight | Suitable nesting habitat; Possible breeder | AR |
| SN0015 | 11/06/2017 | 10:34 | Snipe | 1 | PB2, (Upland blanket bog) Aggressive behaviour | Agitated behaviour or anxiety calls; Probable breeding | AR |
| SN0016 | 16/06/2017 | 13:29 | Snipe | 1 | HH3, (Wet heath) Calling | Suitable nesting habitat; Possible breeder | AR |
| SN0017 | 23/07/2017 | 10:29 | Snipe | 1 | PB2, (Upland blanket bog) Aggressive behaviour | Agitated behaviour or anxiety calls; Probable breeding | AR |
| SN0018 | 29/07/2017 | 13:30 | Snipe | 1 | PB2, (Upland blanket bog) Flushed and Calling | Suitable nesting habitat; Possible breeder | AR |
| SN0019 | 25/06/2018 | 10:57:00 | Snipe | 1 | PB2, (Upland Blanket Bog) Chipping Bird in PB2 | | AOD |
| SN0020 | 25/06/2018 | 15:49:00 | Snipe | 1 | PB2, (Upland Blanket Bog) GS4, (Wet grassland) Flushed | | AOD |



| | Breeding Walkover Surveys | | | | | | | | | | | | |
|-------------|---------------------------|----------|---------|-----------------|---|----------|----------|--|--|--|--|--|--|
| Map Ref. | Date | Time | Species | No. of birds | Habitat and Activity | Comments | Surveyor | | | | | | |
| SN0021 | 25/06/2018 | 15:55:00 | Snipe | 1 | PB2, (Upland Blanket Bog) GS4, (Wet grassland) Flushed | | AOD | | | | | | |
| SN0022 | 28/06/2018 | 16:20:00 | Snipe | 1 | Chipping northwest of site | | AOD | | | | | | |
| SN0023 | 28/06/2018 | 16:26:00 | Snipe | 1 | Chipping northwest of site | | AOD | | | | | | |
| SN024 | 29/04/2021 | 10:35 | Snipe | 1 | bogs; flying, flushed (suitable nesting habitat; possible breeder) | | DM | | | | | | |
| SN025 | 29/04/2021 | 12:55 | Snipe | 1 | bogs; flying, flushed (suitable nesting habitat; possible breeder) | | DM | | | | | | |
| SN026 | 29/04/2021 | 13:45 | Snipe | 1 | bogs; flying, flushed (suitable nesting habitat; possible breeder) | | DM | | | | | | |
| SN027 | 30/04/2021 | 12:05 | Snipe | 1 | raised bog; flying, flushed (suitable nesting habitat; possible breeder) | | DM | | | | | | |
| SN028 | 30/04/2021 | 13:56 | Snipe | 1 | raised bog; flying, flushed (suitable nesting habitat; possible breeder) | | DM | | | | | | |
| SN029 | 30/04/2021 | 10:52 | Snipe | 1 | bogs; flying, heard calling, not drumming (suitable nesting habitat; possible breeder) | | PW | | | | | | |
| SN030 | 30/04/2021 | 12:12 | Snipe | 1 | bogs; flying, flushed (suitable nesting habitat; possible breeder) | | PW | | | | | | |
| SN031 | 16/05/2021 | 14:05 | Snipe | 1 | bogs and heath; flushed (suitable nesting habitat; possible breeder) | | PW | | | | | | |
| SN032 | 24/05/2021 | 13:50 | Snipe | 1 | raised bog; flushed (suitable nesting habitat; possible breeder) | | DM | | | | | | |
| SN033 | 24/05/2021 | 16:25 | Snipe | 1 | raised bog; flushed (suitable nesting habitat; possible breeder) | | DM | | | | | | |
| SN034 | 25/05/2021 | 17:09 | Snipe | 1 | cutover bog; flushed (suitable nesting habitat; possible breeder) | | DM | | | | | | |
| SN035 | 25/05/2021 | 20:49 | Snipe | 1 | raised bog; flushed (suitable nesting habitat; possible breeder) | | DM | | | | | | |
| SN036 | 06/06/2021 | 20:06 | Snipe | 1 | bogs; calling/chirping (suitable nesting habitat; possible breeder) | | PW | | | | | | |
| SN037 | 09/06/2021 | 19:22 | Snipe | 1 | improved agricultural grassland; flying, flushed (suitable nesting habitat; possible breeder) | | DM | | | | | | |
| SN038 | 09/06/2021 | 21:11 | Snipe | 1 | bogs; flying, flushed (suitable nesting habitat; possible breeder) | | DM | | | | | | |
| SN039 | 10/06/2021 | 14:30 | Snipe | 1 | bogs; drumming (singing male; possible breeder) | | DM | | | | | | |
| SN040 | 26/07/2021 | 13:36 | Snipe | 1 | bogs; flushed (suitable nesting habitat; possible breeder) | | DM | | | | | | |



| | Winter Walkover Surveys | | | | | | | | | | | |
|----------|-------------------------|------------------------|---------|-----------------|---------|---|----------|--|--|--|--|--|
| Map Ref. | Date | Time of Observation | Species | No. of birds | Sex/age | Habitat and Activity | Surveyor | | | | | |
| SN001 | 29/10/2016 | 08:02:00 | Snipe | 1 | | HH3, (Wet heath) Flushed, Alarm calls | AR | | | | | |
| SN002 | 29/10/2016 | 08:15:00 | Snipe | 1 | | HH3, (Wet heath) Flushed | AR | | | | | |
| SN003 | 29/10/2016 | 13:21:00 | Snipe | 1 | | PB2, (Upland blanket bog) Flushed | AR | | | | | |
| SN004 | 18/12/2016 | 14:06:00 | Snipe | 1 | | WS5, (Recently felled woodland) Flushed, alarm calls | AR | | | | | |
| SN005 | 22/01/2017 | 11:59:00 | Snipe | 1 | | WS5, (Recently felled woodland) Flushed from vegetation | AR | | | | | |
| SN006 | 22/01/2017 | 12:34 | Snipe | 1 | | PB2, (Upland blanket bog) Flushed from vegetation | AR | | | | | |
| SN007 | 18/03/2017 | 12:52:00 | Snipe | 1 | | PB2, (Upland blanket bog) Flushed/alarm calls | AR | | | | | |
| SN008 | 18/03/2017 | 13:31:00 | Snipe | 1 | | PB2, (Upland blanket bog) Flushed/alarm calls | AR | | | | | |
| SN009 | 14/10/2017 | 10:59:00 | Snipe | 1 | | Upland blanket bog, Flushed, Alarm calls | AR | | | | | |
| SN0010 | 16/12/2017 | 11:30:00 | Snipe | 1 | | PB2, (Upland blanket bog) Flushed | AR | | | | | |
| SN0011 | 17/12/2017 | 10:20:00 | Snipe | 1 | | HH3 (Wet Heath) | AR | | | | | |
| SN0012 | 27/01/2018 | 10:15:00 | Snipe | 1 | | PB2, (Upland blanket bog) Flushed, Alarm Calls | AR | | | | | |
| SN0015 | 28/01/2018 | 10:51:00 | Snipe | 1 | | Flushed | AR | | | | | |
| SN0013 | 01/03/2018 | 12:00:00 | Snipe | 1 | | PB2, (Upland blanket bog) Flushed by surveyor | AR | | | | | |
| SN0014 | 02/03/2018 | 12:00:00 | Snipe | 1 | | PB2, (Upland blanket bog) Flushed, Calling | AR | | | | | |
| SN0015 | 10/10/2018 | 14:48:00 | Snipe | 1 | | Flushed from upland bog | RW | | | | | |
| SN0016 | 29/10/2018 | 11:12:00 | Snipe | 1 | | Flushed from upland bog | RW | | | | | |
| SN0017 | 29/10/2018 | 11:38:00 | Snipe | 1 | | Flushed from upland bog | RW | | | | | |
| SN0018 | 29/10/2018 | 16:05:00 | Snipe | 1 | | Flushed from upland bog | RW | | | | | |
| SN0019 | 06/12/2018 | 13:20:00 | Snipe | 2 | | Flushed | AOD | | | | | |
| SN0020 | 14/02/2019 | 13:03:00 | Snipe | 1 | | Flushed from underfoot | AOD | | | | | |



| | Wildfowl Distribution Surveys | | | | | | | | | | |
|------------|-------------------------------|------------------|---------|-----------------|------------------|--|---|----------|--|--|--|
| Date | Location | Location Code | Species | No. of birds | Activity Code | Habitat | Notes on habitat and activity | Surveyor | | | |
| 29/08/2017 | Banket Nook | | Snipe | 17 | AW | MW2, (Sea inlets and bays) | Above Water | AOD | | | |
| 16/09/2017 | Blanket Nook | | Snipe | 2 | F | MW2, (Sea inlets and bays) | Flying | AOD | | | |
| 01/02/2018 | Lough Fionn | | Snipe | 1 | F | FL2, (Acid oligotrophic lakes) | Flying | AOD | | | |
| 19/02/2018 | Lough Fionn | | Snipe | 2 | F | FL2, (Acid oligotrophic lakes) | Flying | AOD | | | |
| 28/04/2018 | Lough Turk / Fullerton Dam | | Snipe | 1 | AW | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) | ND | | | |
| 09/05/2018 | Lough Turk / Fullerton Dam | | Snipe | 1 | AW | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) | FL7, (Reservoirs) PB2, (Upland blanket bog) GS4, (Wet grassland) | ND | | | |
| 18/12/2018 | Owenkillew river | | Snipe | 1 | F | Flushed | Flying | AOD | | | |

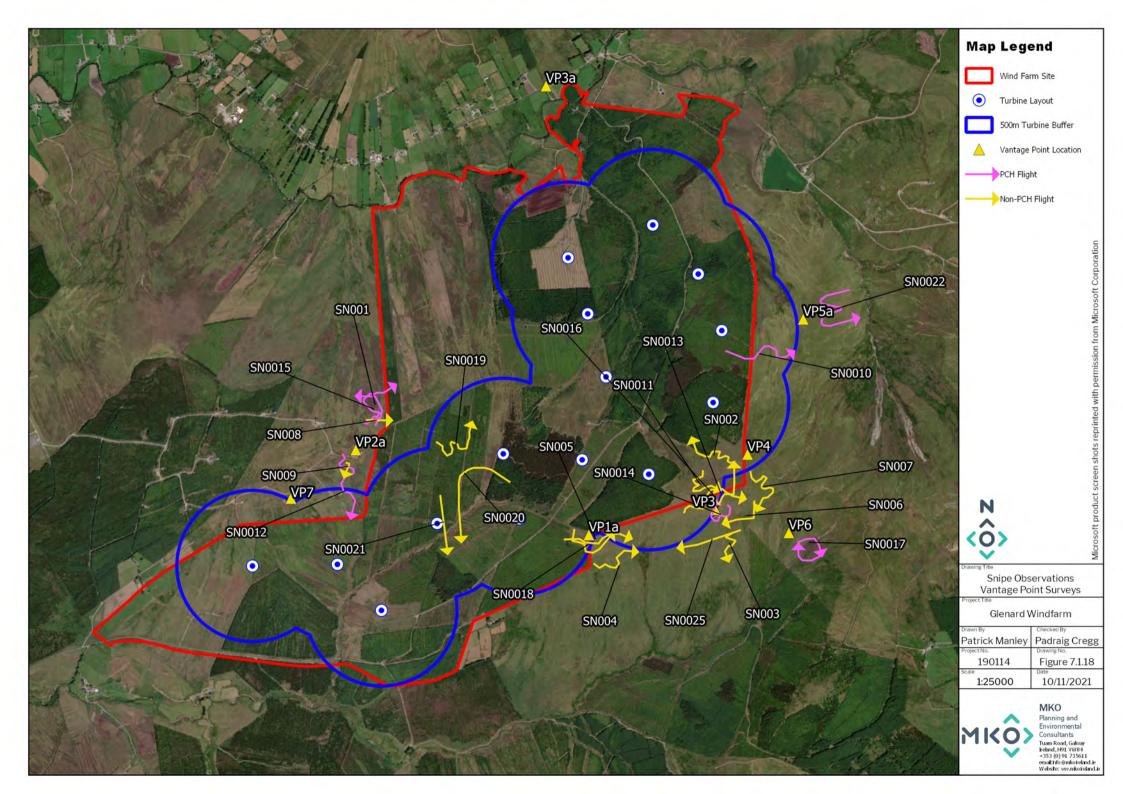
| | Incidental Observation | | | | | | | | | | | |
|------------|---------------------------------|----------|---------|--|-------|--|--|--|--|--|--|--|
| Date | Survey Type | Location | Species | No. of Birds | Notes | | | | | | | |
| 20/07/2019 | Breeding Raptor | Snipe | 2 | GS4 (Wet grassland) Calling SW Side of Lough Turk (55.1677062, -7.3157679) | JB | | | | | | | |
| 13/10/2016 | On route to area 2 of HH survey | Snipe | 3 | flushed from vegetation by observer | AR | | | | | | | |
| 19/10/2016 | During HH survey at VP 2 | Snipe | 5 | 5 Snipe seen and heard. 2 flushed. | AR | | | | | | | |
| 28/10/2016 | Area 4 of HH SURVEY | Snipe | 3 | Heard calling | AR | | | | | | | |
| 29/10/2016 | Area 5 of HH SURVEY | Snipe | 1 | Calling | AR | | | | | | | |
| 31/10/2016 | Waterfowl Survey | Snipe | 1 | | AR | | | | | | | |
| 06/11/2016 | Leaving VP 3 | Snipe | 2 | flushed from vegetation by observer | AR | | | | | | | |
| 07/11/2016 | During HH survey at Area 1 | Snipe | 1 | Calling | AR | | | | | | | |
| 07/11/2016 | During HH survey at Area 1 | Snipe | 1 | Flushed | AR | | | | | | | |
| 28/11/2016 | During HH survey at Area 5 | Snipe | 2 | Coming into roost | AR | | | | | | | |
| 10/12/2016 | During HH roost survey | Snipe | 3 | Coming into roost, heard calling | AR | | | | | | | |
| 09/01/2017 | Waterfowl Survey | Snipe | | | AR | | | | | | | |

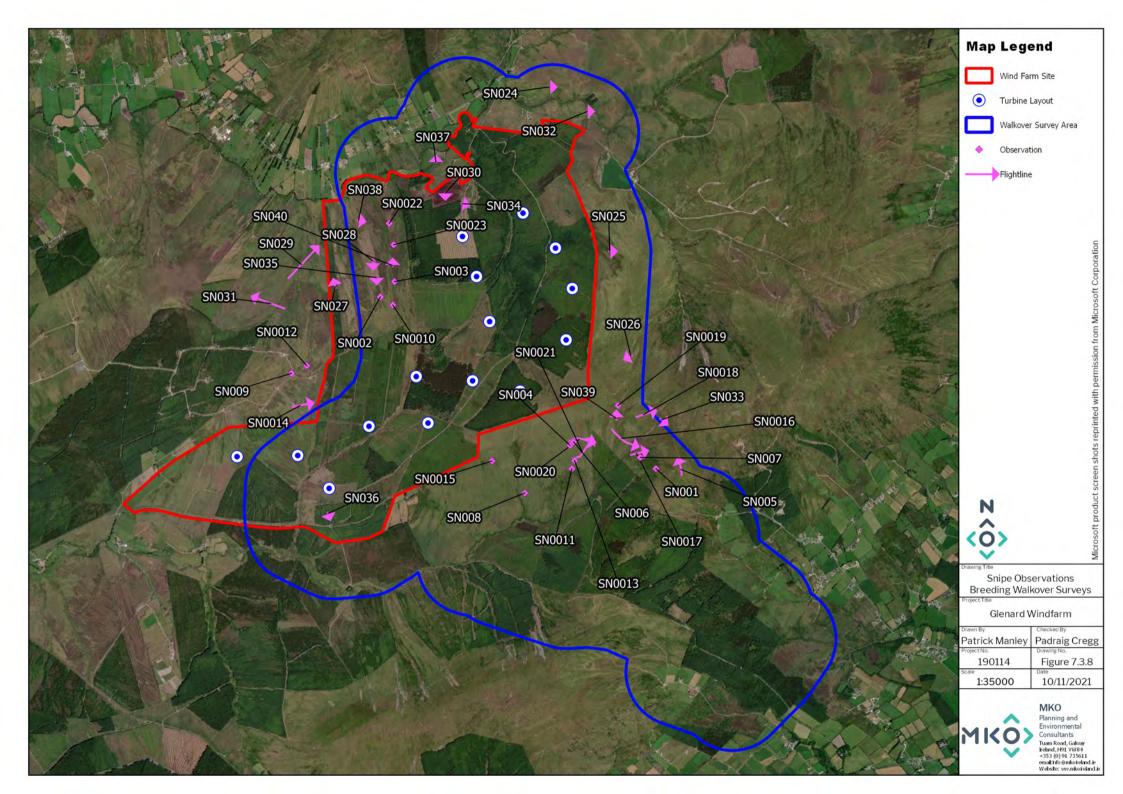


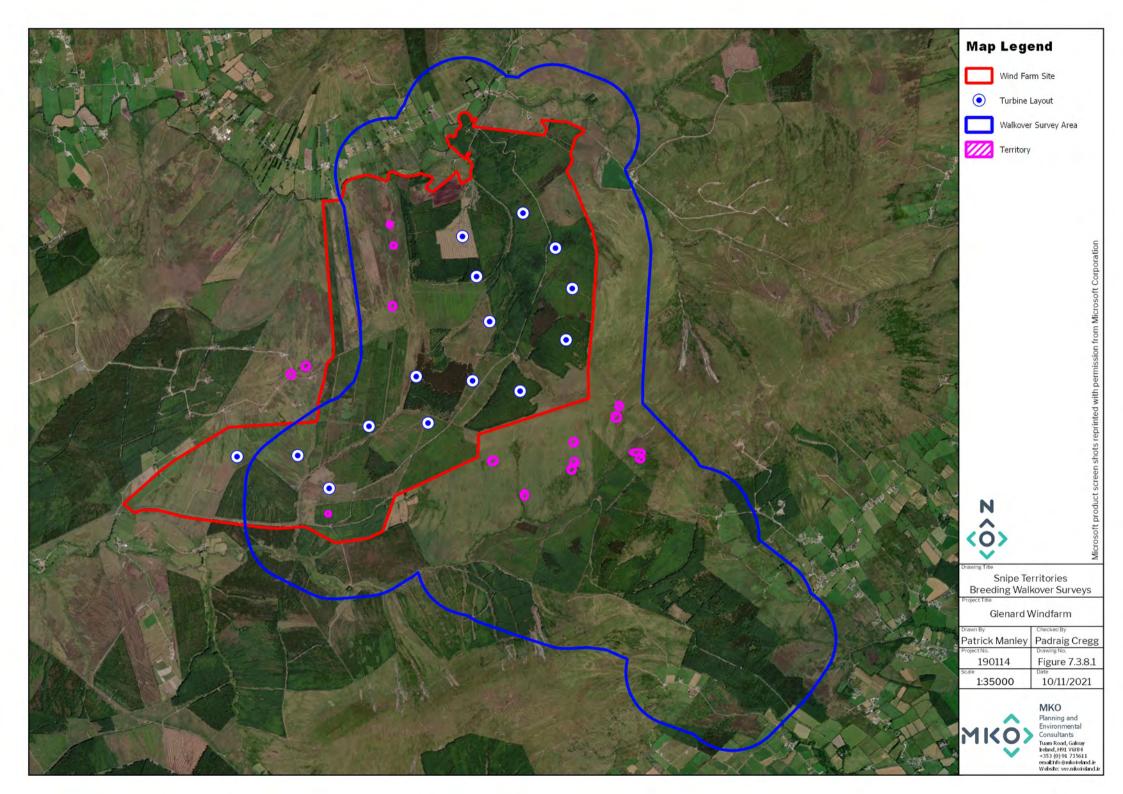
| | Incidental Observation | | | | | | | | | | | |
|------------|------------------------|----------|---------|---|-------|--|--|--|--|--|--|--|
| Date | Survey Type | Location | Species | No. of Birds | Notes | | | | | | | |
| 10/01/2017 | During HH dusk survey | Snipe | | Off-site | AR | | | | | | | |
| 24/01/2017 | During HH dusk survey | Snipe | | Flushed from vegetation | AR | | | | | | | |
| 24/01/2017 | During HH dusk survey | Snipe | | Flushed from vegetation | AR | | | | | | | |
| 11/02/2017 | On approach to VP 3 | Snipe | 2 | 2 flushed from vegetation during approach to VP 3 | AR | | | | | | | |
| 17/02/2017 | During HH dusk survey | Snipe | 2 | 2 flushed from vegetation | AR | | | | | | | |
| 18/02/2017 | On route to vp6 | Snipe | 1 | 1 flushed from vegetation | AR | | | | | | | |
| 12/03/2017 | During HH roost survey | Snipe | | 2 flushed from vegetation | AR | | | | | | | |
| 20/03/2017 | During HH roost survey | Snipe | 1 | Flushed from vegetation | AR | | | | | | | |
| 18/06/2017 | Breeding Raptor Survey | Snipe | 1 | Agitated behaviour or anxiety calls; Probable breeding | AR | | | | | | | |
| 08/07/2017 | Breeding Raptor Survey | Snipe | 1 | Agitated behaviour or anxiety calls; Probable breeding | AR | | | | | | | |
| 13/10/2017 | HH Roost Survey | Snipe | 1 | Flushed on route to site | AR | | | | | | | |
| 21/10/2017 | HH Roost Survey | Snipe | 1 | Flushed | AR | | | | | | | |
| 29/11/2017 | Vantage Point | Snipe | 1 | Flushed near VP | AOD | | | | | | | |
| 15/12/2017 | HH Roost Survey | Snipe | 1 | | AR | | | | | | | |
| 29/12/2017 | HH Roost Survey | Snipe | | | AR | | | | | | | |
| 27/01/2018 | During HH roost survey | snipe | | flushed | AR | | | | | | | |
| 23/03/2018 | HH Roost | Snipe | 1 | | AR | | | | | | | |
| 10/04/2018 | Breeding Raptor Survey | Snipe | 3 | GS4, (Wet grassland) flying, flushed offsite call | AOD | | | | | | | |
| 10/04/2018 | Breeding Raptor Survey | Snipe | 1 | GS4, (Wet grassland) flying, flushed offsite call | AOD | | | | | | | |
| 10/04/2018 | Breeding Raptor Survey | Snipe | 2 | PB2, (Upland blanket bog) flying, flushed offsite call | AOD | | | | | | | |
| 12/04/2018 | Breeding Raptor Survey | Snipe | 1 | PB2, (Upland blanket bog) flushed then drumming for 60s | AOD | | | | | | | |
| 22/05/2018 | Breeding Raptor Survey | Snipe | 1 | Heard drumming over bog. No Flightline. | JOS | | | | | | | |
| 01/06/2018 | Breeding Raptor Survey | Snipe | 1 | Calling north side of reservoir. Flying post to post on GS4 | AOD | | | | | | | |
| 05/06/2018 | Breeding Raptor Survey | Snipe | 1 | PB2, (Upland blanket bog) drumming near site boundary PB2 | AOD | | | | | | | |
| 10/07/2018 | Breeding Raptor Survey | Snipe | 1 | PB2, (Upland blanket bog) Chipping N. side of reservoir | AOD | | | | | | | |

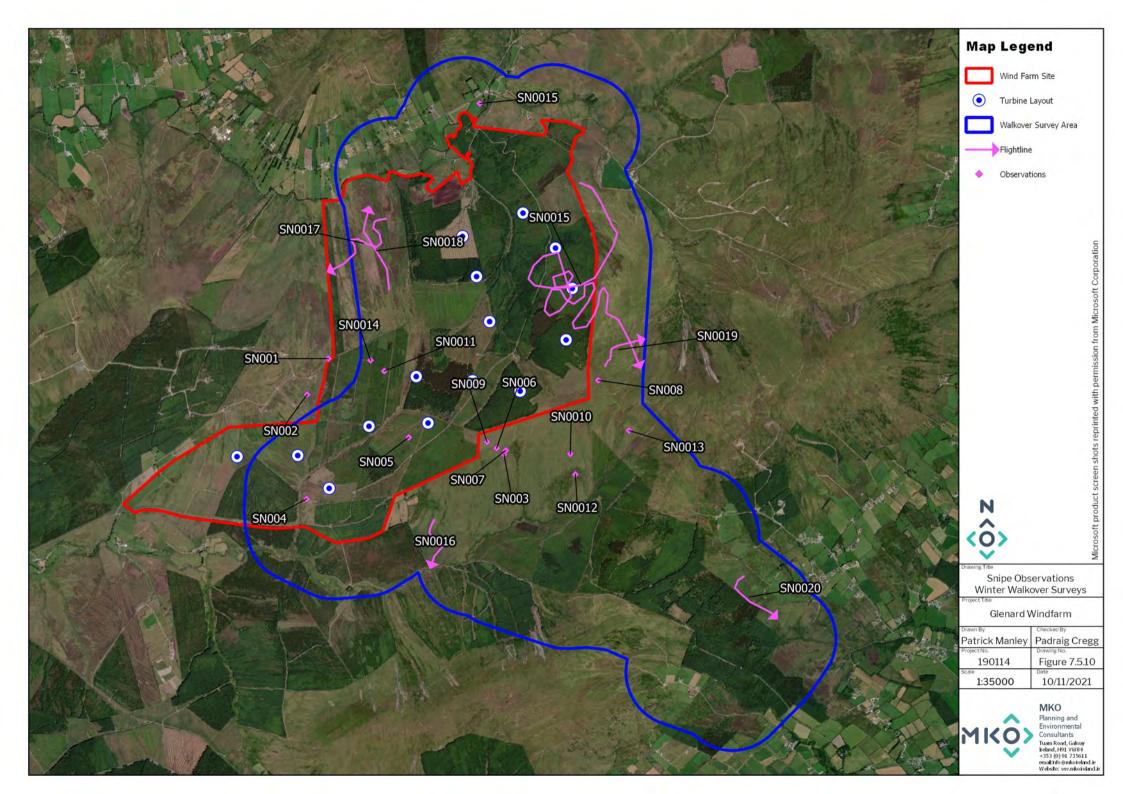


| | Incidental Observation | | | | | | | | | | | |
|------------|------------------------|----------|---------|--------------------------------|-------|--|--|--|--|--|--|--|
| Date | Survey Type | Location | Species | No. of Birds | Notes | | | | | | | |
| 19/11/2018 | VP5 | Snipe | 2 | Calling near VP5 | AOD | | | | | | | |
| 22/11/2018 | VP2 | Snipe | 3 | Flushed near VP | AOD | | | | | | | |
| 27/11/2018 | VP3 | Snipe | 1 | Flushed near VP | AOD | | | | | | | |
| 27/11/2018 | HHVP2 | Snipe | 1 | Flushed at HHVP | AOD | | | | | | | |
| 28/11/2018 | VP4 | Snipe | 3 | Flushed near VP | AOD | | | | | | | |
| 29/11/2018 | VP4 | Snipe | 1 | Flushed at VP | AOD | | | | | | | |
| 19/12/2018 | VP4 | Snipe | 2 | Flushed near VP | AOD | | | | | | | |
| 22/12/2018 | VP6 | Snipe | 1 | Flushed on way to VP | AOD | | | | | | | |
| 09/01/2019 | VP5 | Snipe | 1 | Flushed leaving VP | AOD | | | | | | | |
| 15/01/2019 | VP2 | Snipe | 2 | Flushed leaving VP | AOD | | | | | | | |
| 19/01/2019 | HHVP6 | Snipe | 1 | Flushed near HHVP | AOD | | | | | | | |
| 23/01/2019 | VP5 | Snipe | 2 | Calling at VP | AOD | | | | | | | |
| 28/01/2019 | VP6 | Snipe | 2 | Flushed leaving VP | AOD | | | | | | | |
| 31/01/2019 | VP4 | Snipe | 1 | Calling near VP | AOD | | | | | | | |
| 17/02/2019 | HHVP2 | Snipe | 1 | Flushed | AOD | | | | | | | |
| 20/02/2019 | HHVP | Snipe | 2 | Calling | AOD | | | | | | | |
| 21/02/2019 | Red Grouse Survey T2 | Snipe | 1 | | JC | | | | | | | |
| 28/02/2019 | VP4 | Snipe | 2 | Calling | AOD | | | | | | | |
| 26/03/2019 | VP3 | Snipe | 2 | Chipping 6:40 | AOD | | | | | | | |
| 27/03/2019 | VP4 | Snipe | 1 | Drumming near VP 6:03 | AOD | | | | | | | |
| 28/03/2019 | VP6 | Snipe | 2 | Chipping on site 6:34 | AOD | | | | | | | |
| 29/03/2019 | VP2 | Snipe | 1 | Drumming near VP off site 6:01 | AOD | | | | | | | |









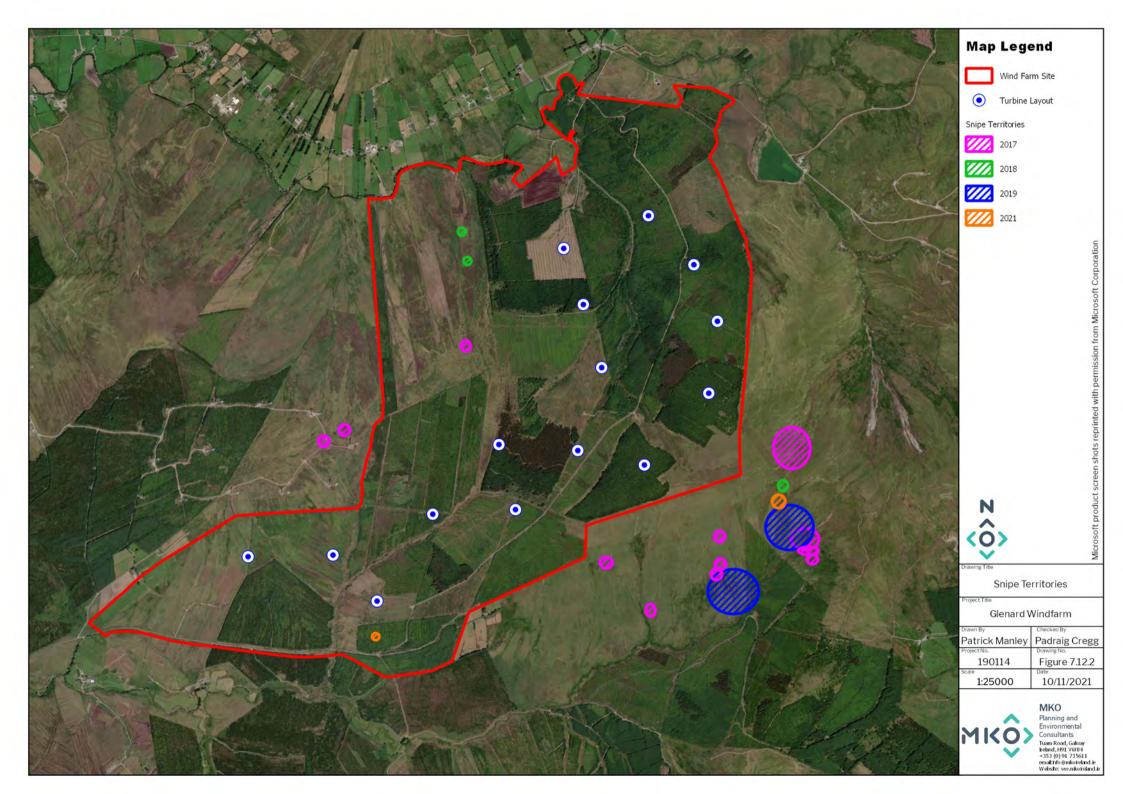




Table 22 White-tailed Eagle Survey Data

| | Vantage Point Surveys | | | | | | | | | | | |
|-------------|-----------------------|------|---------------------------|-----------------|-------------------|------------------------|-------------------|------------------------|-----------------------------|--|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10- 25m) | Band 3 PCH (25- 175m) | Band 4 (>175m) | Notes on habitat and activity | Surveyor |
| WE001 | 18/09/2018 | VP5a | White- tailed Eagle | 1 | 12:48:00 | 20 | 20 | | | WD4, (Conifer plantation) GS4, (Wet grassland) Flying low near sheep just off site. Unable to age no tags | Recorded as part of VP even though just after | AOD |

| Incidental Observation | | | | | | | | |
|------------------------|-----------------|----------|---------|--|-------|--|--|--|
| Date | Survey Type | Location | Species | No. of Birds | Notes | | | |
| 05/03/2021 | HH Roost; HHVP1 | White- | 1 | PB1, (Raised bog) GA, (Improved grassland) Flew over road in southerly direction towards | MM | | | |
| | | tailed | | Crockaheeny, moved easterly towards Eddie Fulleron Dam Reservoir. Mobbed by HC. 3 BZ | | | | |
| | | Eagle | | agitated by its presence. Adult Female | | | | |

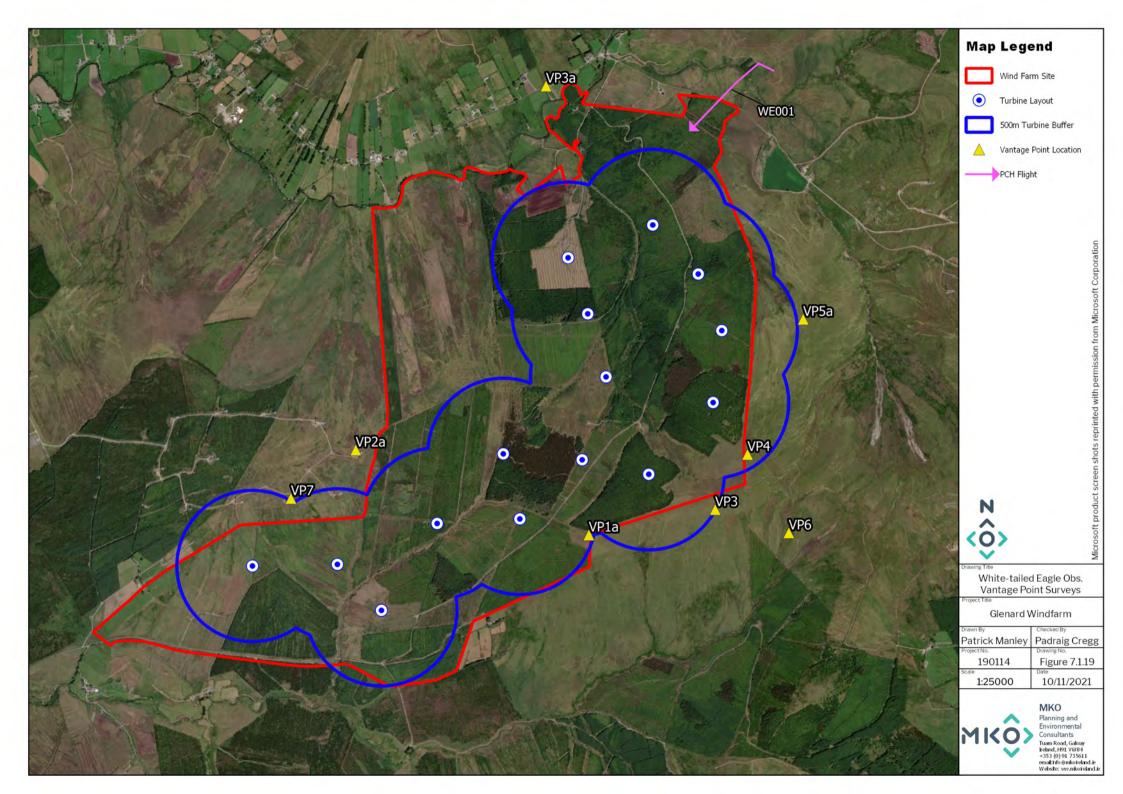




Table 23 Woodcock Survey Data

| | Vantage Point Surveys | | | | | | | | | | | |
|-------------|-----------------------|------|----------|--------------------|-------------------|------------------------|-----------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| WK001 | 26/11/2016 | VP5a | Woodcock | 1 | 13:12:00 | 16 | 8 | 8 | 0 | WD4, (Conifer plantation) In flight | Emerged from plantation changing flight path away from observer | AR |
| WK002 | 13/12/2016 | VP4 | Woodcock | 1 | 12:03:00 | 13 | 8 | 5 | 0 | WD4, (Conifer plantation) In flight through ride | Individual observed in flight emerging from forest break, moving direction away from observer | AR |
| WK003 | 28/11/2017 | VP1a | Woodcock | 1 | 15:27:00 | 15 | 15 | | | Mixed broadleaved/conifer woodland WD4, (Conifer plantation) PB2, (Upland blanket bog) Flushed near VP over treetops | | AOD |
| WK004 | 28/01/2019 | VP6 | Woodcock | 2 | 17:39:00 | 8 | 4 | | | WD4, (Conifer plantation) GS4, (Wet grassland) 2 birds flew from forest | | AOD |

| Winter Walkover Surveys | | | | | | | | | |
|-------------------------|--------------------------|-------|------------------------------|---|--|---|----------|--|--|
| Map Ref. | o Ref. Date Time Species | | Species No. of Sex/age birds | | | Habitat and Activity | Surveyor | | |
| WK001 | 22/01/2017 | 10:47 | Woodcock | 1 | | WD4, (Conifer plantation) Feeding along forest edge | AR | | |



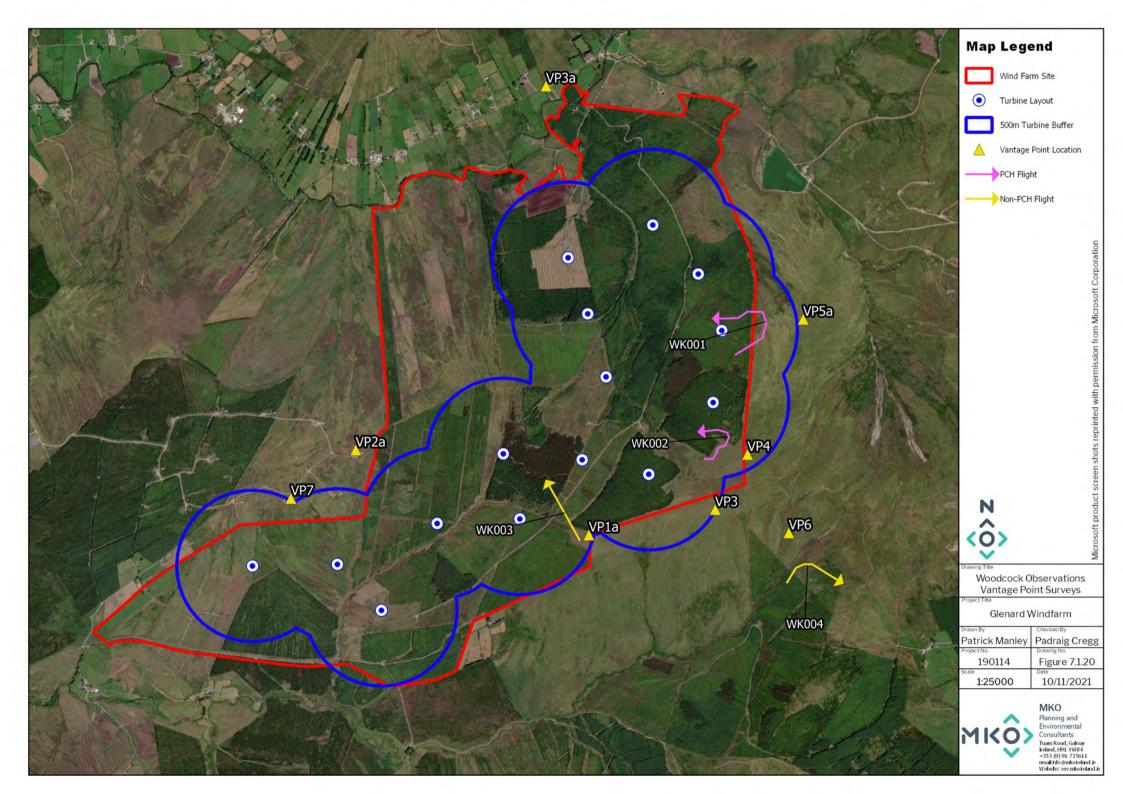
| Migration Vantage Point Surveys | | | | | | | | | |
|---------------------------------------|------------|-----------------|----------|---|--------------------------------------|----------|----------|--|--|
| Map Ref. Date VP Species No. of birds | | | | | Notes on habitat and activity | Comments | Surveyor | | |
| No Flight Available | 28/02/2017 | Migration VP | Woodcock | 1 | WD4, (Conifer plantation) Travelling | | TR | | |

| | Breeding Woodcock Surveys | | | | | | | | | | |
|----------|---------------------------|------------|-------|----------|--------|---|----------|--|--|--|--|
| Map Ref. | Transect | Date | Time | Species | Number | Habitat and activity | Surveyor | | | | |
| WK001 | T1 | 29/05/2021 | 22:19 | Woodcock | 1 | conifer plantation and scrub, roding male | DM | | | | |

| | Incidental Observations | | | | | | | | |
|------------|----------------------------------|----------|-----------------|--|----------|--|--|--|--|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor | | | | |
| 11/10/2016 | Close to VP1 Glenard | Woodcock | 1 | Flew through woodland and landed in area of rank vegetation | AR | | | | |
| 05/11/2016 | Forest track to Glenard | Woodcock | 1 | Seen on route to VP1 | AR | | | | |
| 06/11/2016 | Glenard entrance | Woodcock | 1 | On route to VP | AR | | | | |
| 19/11/2016 | Leaving VP 6 | Woodcock | 1 | Flushed from vegetation by observer | AR | | | | |
| 20/11/2016 | On forestry track leaving VP 4 | Woodcock | 5 | On track and vegetation either side, flew when approached by car | AR | | | | |
| 06/12/2016 | On approach to vp3 | Woodcock | 1 | Flushed from vegetation in forest break | AR | | | | |
| 10/12/2016 | During HH roost survey | Woodcock | 1 | Along forest track | AR | | | | |
| 17/02/2017 | On exiting Glenard site | Woodcock | 4 | 4 observed feeding along forest road when exiting site | AR | | | | |
| 23/02/2017 | On route to Area 5 for HH survey | Woodcock | | Feeding along forest road | AR | | | | |
| 04/03/2017 | Leaving site after VP1 | Woodcock | | Feeding along forest track | AR | | | | |
| 28/11/2017 | Vantage Point | Woodcock | 1 | Flushed near VP | AOD | | | | |
| 02/01/2018 | VP Survey | Woodcock | 5 | 5 woodcock individuals were flushed along the forestry access track as the observer drove through to get to the VP | CMc | | | | |



| | Incidental Observations | | | | | | | | |
|------------|-------------------------|----------|-----------------|--|----------|--|--|--|--|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor | | | | |
| 02/01/2018 | VP Survey | Woodcock | 2 | 2 woodcock individuals were flushed along the forestry access track as the observer drove out after VP watch | CMc | | | | |
| 03/01/2018 | VP Survey | Woodcock | 5 | 5 woodcock individuals were flushed along the forestry access track as the observer drove through to get to the VP | CMc | | | | |
| 23/02/2018 | HHVP4 | Woodcock | 1 | flew overhead on way back from HHVP | KB | | | | |
| 27/11/2018 | VP access track on site | Woodcock | 2 | On way into site | AOD | | | | |
| 28/11/2018 | VP access track on site | Woodcock | 2 | Flushed on way into site | AOD | | | | |
| 30/11/2018 | VP6 | Woodcock | 1 | Flushed near VP | AOD | | | | |
| 11/12/2018 | VP track on site | Woodcock | 4 | Flushed on site track | AOD | | | | |
| 12/12/2018 | VP track on site | Woodcock | 5 | Flushed on site track | AOD | | | | |
| 13/12/2018 | VP track on site | Woodcock | 3 | Flushed on site track | AOD | | | | |
| 18/12/2018 | HHVP4 | Woodcock | 1 | Flew low at HHVP at 16:42 | AOD | | | | |
| 21/12/2018 | VP3 | Woodcock | 4 | Flushed on site track | AOD | | | | |
| 22/12/2018 | VP6 | Woodcock | 1 | Flew near VP | AOD | | | | |
| 29/01/2019 | VP1 | Woodcock | 2 | Flushed on access track | AOD | | | | |
| 26/02/2019 | VP track on site | Woodcock | 1 | Flushed | AOD | | | | |
| 27/02/2019 | VP track on site | Woodcock | 2 | Flushed | AOD | | | | |
| 15/03/2019 | VP track on site | Woodcock | 4 | Flushed on entry | AOD | | | | |
| 10/04/2019 | VP Survey VP1 | Woodcock | 1 | Put up on route to VP1a from undergrowth. Possibly overwintering migrant | ND | | | | |



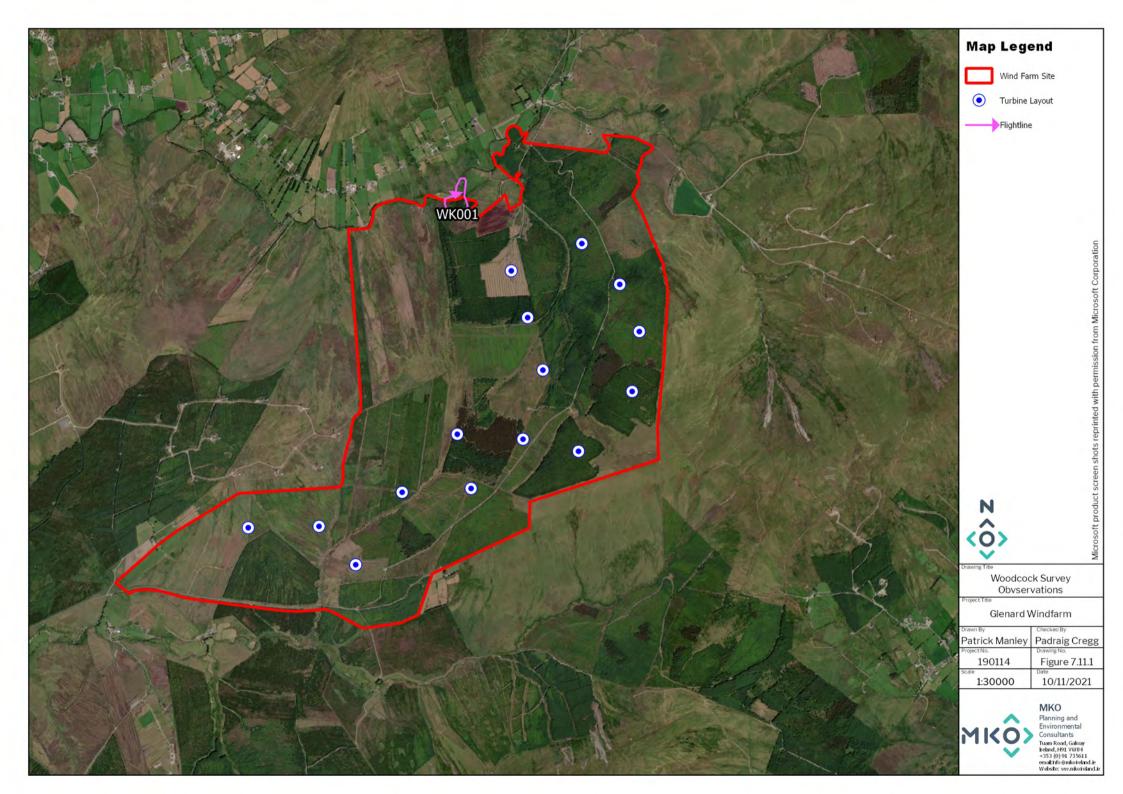




Table 24 Hobby Survey Data

| | Breeding Raptor Surveys | | | | | | | | | | | |
|-----------------|-------------------------|---------------------|---------|-----------------|--|---|----------|--|--|--|--|--|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor | | | | | |
| HY001 | 20/07/2019 | 11:31:00 | Hobby | 1 | HH1, (Dry siliceous heath) HH3, (Wet heath) Hobby, seen 200m to W flew towards VP then around overhead, then away over mountain top zone to E. | ID by red tarsal feathers, bold markings, size, flight and attitude | ND | | | | | |





Table 25 Buzzard Survey Data

| | | | | | | | Var | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ001 | 08/10/2016 | VP1a | Buzzard | 2 | 10:55:00 | 211 | 15 | 196 | 0 | PB2, (Upland blanket bog) HH3, (Wet heath) Hunting. Pair negotiating wind patterns, circling site a number of times | | AR |
| BZ002 | 15/10/2016 | VP5a | Buzzard | 1 | 08:56:00 | 34 | 0 | 34 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting over S of site. | | AR |
| BZ003 | 15/10/2016 | VP5a | Buzzard | 1 | 12:05:00 | 60 | 0 | 60 | 0 | HH3, (Wet heath) WD4, (Conifer plantation) Travelling/hunting over site. | | AR |
| BZ004 | 22/10/2016 | VP2a | Buzzard | 1 | 08:41:00 | 35 | 6 | 29 | 0 | WL2, (Treelines) PF2, (Poor fen and flush) Travelling through site | Landing in treeline | AR |
| BZ005 | 22/10/2016 | VP2a | Buzzard | 1 | 11:30:00 | 250 | 0 | 250 | 0 | WD4, (Conifer plantation) WS5, (Recently felled woodland) PB2, (Upland blanket bog) Hunting. Circling site | Circling a number of times over site and around nearby turbines | AR |
| BZ006 | 30/10/2016 | VP6 | Buzzard | 1 | 08:31:00 | 61 | 15 | 46 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting over heathland | | AR |
| BZ007 | 30/10/2016 | VP6 | Buzzard | 2 | 12:05:00 | 41 | 0 | 41 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Mobbed by RN | | AR |
| BZ008 | 05/11/2016 | VP1a | Buzzard | 1 | 12:40:00 | 41 | 0 | 41 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting offsite | | AR |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ009 | 05/11/2016 | VP1a | Buzzard | 1 | 17:30:00 | 52 | 0 | 52 | 0 | WD4, (Conifer plantation) WS5, (Recently felled woodland) Hunting | Hunting over clear-fell forestry | AR |
| BZ0010 | 06/11/2016 | VP3 | Buzzard | 1 | 13:50:00 | 44 | 0 | 44 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) HH3, (Wet heath) Hunting | Mobbed by RN | AR |
| BZ0011 | 19/11/2016 | VP6 | Buzzard | 1 | 13:20:00 | 38 | 0 | 38 | 0 | WD4, (Conifer plantation) WS5, (Recently felled woodland) PB2, (Upland blanket bog) Hunting | Hunting over site, mobbed by RN | AR |
| BZ0012 | 26/11/2016 | VP5a | Buzzard | 1 | 11:41:00 | 80 | 0 | 80 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) WS5, (Recently felled woodland) Hunting | Hunting over clear-fell forestry to the west of the site | AR |
| BZ0013 | 26/11/2016 | VP5a | Buzzard | 2 | 16:01:00 | 20 | 4 | 16 | 0 | PB2, (Upland blanket bog) HH3, (Wet heath) Hunting | Hunting over dense vegetation along site boundary | AR |
| BZ0014 | 11/12/2016 | VP2a | Buzzard | 1 | 09:36:00 | 41 | | 41 | | HH3, (Wet heath) WD4, (Conifer plantation) Hunting | Observed hunting over dense vegetation, circling once within PCH | AR |
| BZ0015 | 15/12/2016 | VP5a | Buzzard | 1 | 08:51:00 | 55 | 0 | 55 | 0 | WD4, (Conifer plantation) WS5, (Recently felled woodland) Hunting | Hunting over area of clear-fell within PCH | AR |
| BZ0016 | 15/12/2016 | VP5a | Buzzard | 1 | 11:45:00 | 70 | 20 | 50 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) In flight | Circling over rank vegetation before descending below PCH for a time over young forestry | AR |
| BZ0017 | 08/01/2017 | VP1a | Buzzard | 1 | 16:05:00 | 61 | 0 | 61 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Soaring/hunting over glen within PCH, circling once. | AR |
| BZ0018 | 16/01/2017 | VP4 | Buzzard | 1 | 14:44:00 | 62 | 15 | 47 | 0 | WD4, (Conifer plantation) Hunting/mobbed | Hunting over site entering PCH. Mobbed by RN for 35 seconds before moving on | AR |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ0019 | 21/01/2017 | VP2a | Buzzard | 1 | 14:58:00 | 71 | 32 | 39 | 0 | HH3, (Wet heath) Hunting | Adult male observed hunting offsite over Sorne Hill. Hovering in the wind. | AR |
| BZ0020 | 21/01/2017 | VP2a | Buzzard | 1 | 15:31:00 | 65 | 0 | 65 | 0 | WD4, (Conifer plantation) HH3, (Wet heath) Travelling over site | Travelling SW over site within PCH | AR |
| BZ0021 | 04/02/2017 | VP5a | Buzzard | 1 | 11:42:00 | 56 | 0 | 56 | 0 | PB2, (Upland blanket bog) HH3, (Wet heath) Soaring over site | In flight north east over northern end of site within PCH | AR |
| BZ0022 | 05/02/2017 | VP1a | Buzzard | 1 | 13:48:00 | 83 | 0 | 83 | 0 | WS5, (Recently felled woodland) WD4, (Conifer plantation) Hunting | Hunting over the SW of site. Circling 3 times but moved off as it was being mobbed by RN | AR |
| BZ0023 | 11/02/2017 | VP3 | Buzzard | 1 | 11:35:00 | 27 | 0 | 27 | 0 | WD4, (Conifer plantation) Hunting | Hunting over site for a short time before moving off. Calling | AR |
| BZ0024 | 18/02/2017 | VP6 | Buzzard | 1 | 12:21:00 | 37 | 0 | 37 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Hunting over vegetation at the bottom of glen moving uphill gradually | AR |
| BZ0025 | 25/02/2017 | VP2a | Buzzard | 1 | 10:44:00 | 65 | 0 | 65 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) Hunting | Hunting over Sorne Hill within PCH. Circling twice. Flying behind hill out of sight after 65 seconds. | AR |
| BZ00111 | 04/03/2017 | VP1 | Buzzard | 1 | 15:05:00 | 72 | 32 | 40 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) In flight | Individual seen in flight circling once within PCH. Flew east over site before perching in spruce plot. | AR |
| BZ00112 | 05/03/2017 | VP5 | Buzzard | 1 | 15:31:00 | 45 | 0 | 0 | 45 | PB2, (Upland blanket bog) HH3, (Wet heath) In flight | Individual soaring at height NW of site. | AR |
| BZ00113 | 05/03/2017 | VP5 | Buzzard | 1 | 17:12:00 | 72 | 0 | 72 | 0 | WD4, (Conifer plantation) WS5, (Recently felled woodland) Hunting | Observed hunting over clear-fell. Flying SW over site. | AR |
| BZ00114 | 11/03/2017 | VP3 | Buzzard | 2 | 15:23:00 | 355 | 0 | 355 | 0 | WD4, (Conifer plantation) WS5, (Recently felled woodland) In flight | Male and female in flight circling over site boundary. Heard calling for a period once out of sight. | AR |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ00115 | 11/03/2017 | VP3 | Buzzard | 1 | 16:37:00 | 47 | 0 | 47 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Hunting over young plantation. Chased off by RN. | AR |
| BZ00116 | 19/03/2017 | VP2 | Buzzard | 2 | 14:21:00 | 216 | 0 | 216 | 0 | WD4, (Conifer plantation) Hunting/Territorial | Male and female circling site. Territorial activity against HC. | AR |
| BZ00117 | 19/03/2017 | VP2 | Buzzard | 3 | 14:47:00 | 45 | 0 | 0 | 45 | PB2, (Upland blanket bog) In flight | 3 observed at height flying towards Iskaheen. | AR |
| BZ00118 | 19/03/2017 | VP2 | Buzzard | 1 | 16:24:00 | 59 | 0 | 59 | 0 | WS5, (Recently felled woodland) In flight | Circling over clear-fell before flying SW. | AR |
| BZ0026 | 29/03/2017 | VP4 | Buzzard | 1 | 15:49:00 | 52 | 10 | 42 | 0 | WS5, (Recently felled woodland) WD4, (Conifer plantation) Hunting | In flight, circling over area of clear-fell. Calling. | AR |
| BZ0027 | 29/03/2017 | VP4 | Buzzard | 1 | 19:21:00 | 25 | 25 | 0 | 0 | PB2, (Upland blanket bog) In flight | Flying low over ground north along site boundary | AR |
| BZ0028 | 31/03/2017 | VP6 | Buzzard | 1 | 18:20:00 | 131 | 0 | 131 | 0 | PB2, (Upland blanket bog) WS5, (Recently felled woodland) WD4, (Conifer plantation) Hunting | Hunting, circling over clear-fell and vegetation around vp1 within PCH. | AR |
| BZ0029 | 31/03/2017 | VP6 | Buzzard | 1 | 18:41:00 | 53 | 10 | 43 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) In flight | Flying SW over the site rising over treeline out of sight | AR |
| BZ0030 | 26/04/2017 | VP2a | Buzzard | 1 | 11:50:00 | 444 | | 444 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) GS4, (Wet grassland) flying | Buzzard observed quartering the ground habitats, possibly for prey opportunities and/or territorial; during which female Kestrel also seen in flight having emerged from young conifer plantation and scrub; engaged in a parallel soaring pattern of flying coincident with Buzzard. Lost visual contact subsequently. | ND |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ0031 | 26/04/2017 | VP2a | Buzzard | 1 | 12:36:00 | 324 | 0 | 290 | 34 | WD4, (Conifer plantation) PB2, (Upland blanket bog) GS4, (Wet grassland) flying | Buzzard observed flying from SE; surveying terrain below and quartering the ground habitats possibly for prey opportunities and/or territorial; flying higher to soaring height as moved north, then returned south and away out of view to SE. | ND |
| BZ0032 | 26/04/2017 | VP2a | Buzzard | 1 | 12:47:00 | 652 | 252 | 400 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) GS4, (Wet grassland) flying | Buzzard flew into view over skyline, quartering habitat below for prey opportunities, slowly flying and circling. Employed hover hunting technique (like Kestrel) making a number of stoops to ground / strikes at prey. After which resuming flight and flying over habitat again to a hovering height of 30m to 40m; this repeated. | ND |
| BZ0033 | 26/04/2017 | VP2a | Buzzard | 1 | 12:58:00 | 465 | 0 | 465 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) GS4, (Wet grassland) flying | Continuation of previous observation; Buzzard now beginning to circle over and along skyline, gradually increasing height range to 60m, then 80m and over; appearing no longer to be assiduously foraging, but more like a surveillance flight mode. Transpired that this was a response to appearance of another Buzzard flying high from the east. Two BZ circled in concert in close proximity, after which the second bird moved away to N and NE while | ND |



| | | | | | | | Var | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| | | | | | | | | | | | first bird flew westward gradually while both still circling / soaring. Visual contact lost on first bird over conifer forest. | |
| BZ0034 | 26/04/2017 | VP2a | Buzzard | 1 | 13:01:00 | 324 | 0 | 290 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) GS4, (Wet grassland) flying | Buzzard seen in flight from east, at about 80m and circling higher while circling close to first BZ as mentioned above as per previous observation. Continued to fly northward over plantation forestry, circling and ascending. Finally becoming distant and very high, moving into >175m and higher. Noted that two Ravens also circling at a higher level above this Buzzard. This continued, all birds moving offmap and off-site to NE, high and distant. Finished observation at 13:18 | ND |
| BZ0035 | 02/05/2017 | VP1a | Buzzard | 1 | 12:32:00 | 120 | 75 | 45 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) flying | Buzzard flew low over young conifer plantation. Then ascending; flight erratic. Lost visual contact. | ND |
| BZ0036 | 02/05/2017 | VP1a | Buzzard | 1 | 12:43:00 | 50 | 10 | 40 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) flying | Following last obs.; BZ seen again at height, making long gliding descent. | ND |
| BZ0037 | 02/05/2017 | VP1a | Buzzard | 1 | 12:54:00 | 180 | 0 | 180 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) flying | Buzzard foraging 1km to south over Owenkillew River, forest edge habitats. Quartering terrain for prey opportunities, flying high at 80m over ground, hover hunting. | ND |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|-----|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ0038 | 04/05/2017 | VP3 | Buzzard | 1 | 09:41:00 | 171 | 0 | 171 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) flying | Buzzard flew over ridge of Crockanure Hill, slow flight about 30m above terrain, making turns. Set on and chased / mobbed by Raven. Flew over ridge to S out of view | ND |
| BZ0039 | 04/05/2017 | VP3 | Buzzard | 1 | 11:46:00 | 55 | 5 | 50 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) GS4, (Wet grassland) flying | Distant obs. of Buzzard. Soaring at >80 above ground, followed by gliding descent. Visual contact constrained at low flight level by obstruction by conifer forest cover | ND |
| BZ0040 | 04/05/2017 | VP3 | Buzzard | 1 | 11:52:00 | 75 | 5 | 70 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) flying | Distant obs. of Buzzard. Probably same bird as last obs. Soaring at >80 above ground, followed by gliding descent. Visual contact constrained at low flight level by obstruction by conifer forest cover | ND |
| BZ0041 | 25/05/2017 | VP6 | Buzzard | 1 | 20:08:00 | 1228 | 310 | 918 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) flying | BZ foraging by hovering and moving position, like K. Another BZ (maybe second of pair) also further away to west - see below. Height over terrain / slope varied with change in slope and topography from <25m to 40-50m | ND |
| BZ0042 | 25/05/2017 | VP6 | Buzzard | 1 | 20:09:00 | 255 | 0 | 255 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) flying | BZ foraging by hovering and moving position, like K. 30 to 40m over terrain, distant, >2km to west, lost visual contact while also watching the first BZ (above) | ND |
| BZ0043 | 25/05/2017 | VP6 | Buzzard | 1 | 21:50:00 | 78 | 78 | 0 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) flying | BZ flew out slowly N/NE from forested habitat at 15m to 20m over ground. After 40 sec, was mobbed | ND |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| | | | | | | | | | | | and chased southward by 2 RN, flew off south pursued by Ravens in descent southward over skyline | |
| BZ0044 | 14/06/2017 | VP5a | Buzzard | 2 | 14:05 | 180 | | 120 | 60 | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) flying | Two Buzzards mutually circling / soaring, at 125m over ground and ascending, >1.5km to S over peak area of Croacknacraddy and Glackmore Hill. Circling, parallel flights and then dives; display behaviour. Lost visual contact finally due to distance and high flight against glare. | ND |
| BZ0046 | 22/06/2017 | VP1a | Buzzard | 1 | 10:40 | 300 | | | | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) flying | Buzzard to SE over Glackmore Hill. | ND |
| BZ0047 | 22/06/2017 | VP3 | Buzzard | 1 | 12:54 | 120 | | | | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) flying | Buzzard to SE over Glackmore Hill. | ND |
| BZ0048 | 22/06/2017 | VP3 | Buzzard | 1 | 13:44 | 375 | | 375 | | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) flying | | ND |
| BZ0049 | 22/06/2017 | VP3 | Buzzard | 1 | 13:47 | 255 | | 255 | | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) flying | | ND |
| BZ0050 | 26/06/2017 | VP4 | Buzzard | 1 | 17:58 | 248 | | 248 | | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) flying | Buzzard foraging 1.5km to south-east over Crocakanure Hill and open ground, at 40m over ground, hover hunting. | ND |
| BZ0051 | 30/06/2017 | VP6 | Buzzard | 1 | 17:32 | 204 | 204 | | | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) flying | Buzzard flew low, slowly, over conifer plantation among trees, NE over open ground, 15 to 20m above | ND |



| | | | | | | | Var | ntage Po | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| | | | | | | | | | | | ground. Then ascending, circling and over crest of hill to S / SE; Lost visual contact. | |
| BZ0052 | 30/06/2017 | VP6 | Buzzard | 1 | 17:40 | 355 | 40 | 315 | | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) flying | Just a minute or two after last observation, Buzzard (seemingly same bird) re-appeared over Crockanure Hill, quartering terrain slowly, hovering or stationary at times, finally flew lines up and down slope between clumps of tall conifers on slope culminating in drop down and rapid descent to ground. Unclear if a foraging strike attempt or associated with nest/fledglings possibility. Not seen emerging from this spot, though visual contact was partially obscured by trees etc | ND |
| BZ0053 | 30/06/2017 | VP6 | Buzzard | 1 | 17:48 | 125 | 50 | 75 | | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) flying | Almost a repeat of last observation of Buzzard, culminating in rapid descent among clumps of tall conifers. | ND |
| BZ0054 | 18/07/2017 | VP6 | Buzzard | 1 | 12:32:00 | 727 | | 727 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | | PM |
| BZ0055 | 25/07/2017 | VP2a | Buzzard | 1 | 10:06:00 | 261 | | | 261 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Soaring | | PM |
| BZ0056 | 04/08/2017 | VP3 | Buzzard | 1 | 09:31:00 | 135 | 0 | 135 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Female hunting over Meenyanly. Flying off south. | AR |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ0057 | 04/08/2017 | VP3 | Buzzard | 1 | 09:48:00 | 50 | 0 | 50 | 0 | WD4, (Conifer plantation) WD4, (Conifer plantation) Hunting | Hunting over vp1. Lost view behind conifers. | AR |
| BZ0058 | 05/08/2017 | VP6 | Buzzard | 1 | 08:20:00 | 62 | 62 | 0 | 0 | PB2, (Upland blanket bog) Perched | Perched on telegraph pole. Flying west shortly after. | AR |
| BZ0059 | 12/08/2017 | VP2a | Buzzard | 1 | 11:05:00 | 72 | 15 | 57 | 0 | WD4, (Conifer plantation) HH3, (Wet heath) Hunting | Hunting over Meenyanly SW of site. | AR |
| BZ0060 | 17/08/2017 | VP1a | Buzzard | 2 | 09:41:00 | 155 | 0 | 155 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | Pair hunting over Meenyanly. Calling. Flew behind tree cover in the glen. | AR |
| BZ0061 | 09/09/2017 | VP2a | Buzzard | 1 | 16:30:00 | 82 | 0 | 82 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) Hunting | Male adult bird hunting offsite over heather. Flew west in PCH. | AR |
| BZ0062 | 15/09/2017 | VP4 | Buzzard | 1 | 17:44:00 | 39 | 0 | 39 | 0 | PB2, (Upland blanket bog) In flight | Adult calling/in flight SE offsite. Mobbed by HC. | AR |
| BZ0063 | 29/09/2017 | VP3 | Buzzard | 1 | 16:18:00 | 122 | 0 | 122 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | Adult hunting over site in PCH. Circling/calling throughout. Flying SW out of view. | AR |
| BZ0064 | 30/09/2017 | VP6 | Buzzard | 1 | 18:01:00 | 35 | 0 | 35 | 0 | WD4, (Conifer plantation) WS5, (Recently felled woodland) In flight | Adult observed for a short time in flight. Travelling SE behind Crockanure Hill. | AR |
| BZ0065 | 12/10/2017 | VP3 | Buzzard | 1 | 11:31:00 | 47 | 0 | 47 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) In flight | Heard calling previously. Emerged over Meenyanly. Flying north over site. | AR |
| BZ0066 | 17/10/2017 | VP4 | Buzzard | 1 | 11:25:00 | 91 | 0 | 91 | 0 | PB2, (Upland blanket bog) In flight | In flight offsite within PCH. Flying south. Moving west over VP3. | AR |
| BZ0067 | 17/10/2017 | VP4 | Buzzard | 1 | 12:15:00 | 101 | 0 | 101 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Emerged over forestry. Hunting/calling. Staying within PCH. Flew out of view. | AR |
| BZ0068 | 27/10/2017 | VP2a | Buzzard | 1 | 07:59:00 | 81 | 0 | 81 | 0 | HH3, (Wet heath) WD4, (Conifer plantation) Hunting | Hunting over NW corner of site | AR |



| | | | | | | | Va | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ0069 | 27/10/2017 | VP2a | Buzzard | 1 | 09:30:00 | 55 | 0 | 55 | 0 | WD4, (Conifer plantation) In flight | Individual flying SE onsite | AR |
| BZ0070 | 27/10/2017 | VP2a | Buzzard | 1 | 13:29:00 | 38 | 15 | 23 | 0 | HH3, (Wet heath) WD4, (Conifer plantation) Perched | Flying east towards site. Landing on Spruce tree. | AR |
| BZ0071 | 29/10/2017 | VP2a | Buzzard | 1 | 12:07:00 | 121 | 0 | 121 | 0 | WD4, (Conifer plantation) Hunting | Hunting, before flying off south behind Crockanure forest. | AR |
| BZ0072 | 18/11/2017 | VP5a | Buzzard | 1 | 13:15:00 | 67 | 0 | 67 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) WS5, (Recently felled woodland) Hunting | Hunting over area of clear-fell in PCH | AR |
| BZ0073 | 26/11/2017 | VP6 | Buzzard | 2 | 17:03:00 | 77 | 0 | 77 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Observed in flight soaring and circling over site. | AR |
| BZ0074 | 26/11/2017 | VP6 | Buzzard | 1 | 16:20:00 | 30 | 10 | 20 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) In flight | Flying over forestry. Flew up into PCH and out of sight. | AR |
| BZ0075 | 29/11/2017 | VP3 | Buzzard | 1 | 15:10:00 | 80 | 80 | | | WD4, (Conifer plantation) Perched flew away low | | AOD |
| BZ0076 | 01/12/2017 | VP2a | Buzzard | 1 | 12:02:00 | 140 | 100 | 40 | | WD4, (Conifer plantation) Hunting | | AOD |
| BZ0077 | 18/12/2017 | VP2a | Buzzard | 1 | 12:05:00 | 45 | 0 | 45 | 0 | WD4, (Conifer plantation) In flight | Calling in flight | AR |
| BZ0078 | 18/12/2017 | VP2a | Buzzard | 1 | 13:45:00 | 210 | 50 | 160 | 0 | HH3, (Wet heath) PB2, (Upland blanket bog) Hunting | Hunting across Meenyanly flying out of sight | AR |
| BZ0079 | 06/01/2018 | VP2a | Buzzard | 1 | 14:40:00 | 115 | 0 | 115 | 0 | WD4, (Conifer plantation) WS5, (Recently felled woodland) HH3, (Wet heath) In flight | Flying south over site within PCH. | AR |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ0080 | 20/01/2018 | VP1a | Buzzard | 1 | 12:10:00 | 61 | 0 | 61 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Calling | Calling in flight south over site. | AR |
| BZ0081 | 22/02/2018 | VP6 | Buzzard | 1 | 10:50:00 | 200 | | | 200 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Soaring, calling | | KB |
| BZ0082 | 22/02/2018 | VP6 | Buzzard | 1 | 10:52:00 | 80 | | | 80 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Soaring | | KB |
| BZ0083 | 28/02/2018 | VP5a | Buzzard | 1 | 15:23:00 | 81 | 0 | 81 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Hunting over Glenard forest | AR |
| BZ0084 | 28/02/2018 | VP5a | Buzzard | 1 | 15:50:00 | 63 | 0 | 63 | 0 | WD4, (Conifer plantation) In flight | Soaring over forestry | AR |
| BZ0085 | 18/03/2018 | VP2a | Buzzard | 1 | 16:35:00 | 210 | 0 | 210 | 0 | WD4, (Conifer plantation) HH3, (Wet heath) In flight | Mobbed by HC before flying off | AR |
| BZ0086 | 20/03/2018 | VP4 | Buzzard | 1 | 17:31:00 | 344 | 27 | 317 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Soared over forestry at 10- 60m before being lost from view | Adult | RW |
| BZ0087 | 21/03/2018 | VP3 | Buzzard | 1 | 15:25:00 | 46 | 46 | | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunted into wind at 10-15m before dipping out of view | Adult | RW |
| BZ0088 | 05/05/2018 | VP5a | Buzzard | 1 | 16:56:00 | 23 | 23 | | | WD4, (Conifer plantation) | flew to N/NE, slow, high >400m high over VP1 | ND |
| BZ0089 | 07/05/2018 | VP4 | Buzzard | 1 | 17:17:00 | 85 | | 85 | | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) Foraging high over habitat terrain | | ND |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|----------|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ0090 | 07/05/2018 | VP4 | Buzzard | 1 | 17:21:00 | 20 | | 20 | | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) Foraging high over habitat terrain | | ND |
| BZ0091 | 07/05/2018 | VP4 | Buzzard | 1 | 17:54:00 | 180 | | 180 | | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) Foraging high over habitat terrain | | ND |
| BZ0092 | 07/05/2018 | VP4 | Buzzard | 1 | 17:57:00 | 62 | | 62 | | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) Traversing area | | ND |
| BZ0093 | 07/05/2018 | VP4 | Buzzard | 1 | 18:26:00 | 91 | | 91 | | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) Foraging high over habitat terrain | | ND |
| BZ0094 | 14/06/2018 | VP5a | Buzzard | 1 | 11:30:00 | 180 | 180 | | | WD4, (Conifer plantation) Soaring low on strong wind, repeated calling near surveyor possible nest nearby | | AOD |
| BZ0095 | 14/06/2018 | VP5a | Buzzard | 1 | 12:00:00 | 20 | 20 | | | WD4, (Conifer plantation) Hunting | | AOD |
| BZ0096 | 14/06/2018 | VP5a | Buzzard | 1 | 12:20:00 | 60 | 60 | | | WD4, (Conifer plantation) Hunting | | AOD |
| BZ0097 | 23/06/2018 | VP4 | Buzzard | 1 | 14:10:00 | 80 | | 80 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) | | ND |
| BZ0098 | 23/06/2018 | VP4 | Buzzard | 1 | 15:19:00 | 40 | | 40 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) | | ND |
| BZ0099 | 27/06/2018 | VP6 | Buzzard | 1 | 12:06:00 | 100 | | 50 | 50 | WD4, (Conifer plantation) Soaring over site | | AOD |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|-----------------------------|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ00100 | 29/06/2018 | VP2a | Buzzard | 1 | 11:12:00 | 60 | 20 | 40 | | WD4, (Conifer plantation) Calling repeatedly | | AOD |
| BZ00101 | 29/06/2018 | VP2a | Buzzard | 1 | 11:50:00 | 20 | 20 | | | WD4, (Conifer plantation) Flying low near possible nest area calling | | AOD |
| BZ00102 | 29/06/2018 | VP2a | Buzzard | 1 | 12:20:00 | 20 | 20 | | | WD4, (Conifer plantation) Flying low near possible nest area calling | | AOD |
| BZ00103 | 24/07/2018 | VP5a | Buzzard | 2 | 12:45:00 | 10 | 10 | | | WD4, (Conifer plantation) Pair of adults near possible nest area. Flying low | | AOD |
| BZ00104 | 24/07/2018 | VP5a | Buzzard | 1 | 13:46:00 | 60 | 30 | 30 | | WD4, (Conifer plantation) Adult soaring | | AOD |
| BZ00105 | 24/07/2018 | VP5a | Buzzard | 1 | 13:55:00 | 20 | 20 | | | WD4, (Conifer plantation) Adult soaring Hunting | | AOD |
| BZ00106 | 26/07/2018 | VP2a | Buzzard | 1 | 15:25:00 | 300 | 100 | 200 | | WD4, (Conifer plantation) Hunting south of Sorne Windfarm | | AOD |
| BZ00107 | 16/08/2018 | VP1a | Buzzard | 2 | 18:00:00 | 400 | 200 | 200 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Pair hunting | | AOD |
| BZ00108 | 23/08/2018 | VP3 | Buzzard | 1 | 11:22:00 | 10 | 10 | | | WD4, (Conifer plantation) Perched flew off | | AOD |
| BZ00109 | 30/08/2018 | VP6 | Buzzard | 1 | 12:20:00 | 100 | 100 | | | WD4, (Conifer plantation) Calling, soaring over site | | AOD |
| BZ00110 | 18/09/2018 | VP5a | Buzzard | 1 | 07:14:00 | 10 | 10 | | | WD4, (Conifer plantation) Travelling | | AOD |
| BZ00119 | 06/10/2018 | VP5 | Buzzard | 1 | 16:44:00 | 165 | 45 | 120 | 0 | PB2, (Upland blanket bog) GS4, (Wet grassland) Hunting | Hunting over rank grassland | AR |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|-----|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--------------------------------|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ00120 | 14/10/2018 | VP2 | Buzzard | 1 | 16:38:00 | 60 | 0 | 60 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | Circling/ hunting west offsite | AR |
| BZ00121 | 20/10/2018 | VP6 | Buzzard | 1 | 13:30:00 | 63 | 63 | 0 | 0 | GS4, (Wet grassland) Hunting | Flying low hunting offsite | AR |
| BZ00122 | 15/02/2019 | VP1 | Buzzard | 3 | 13:01:00 | 240 | | 240 | | WD4, (Conifer plantation) GS4, (Wet grassland) HH4, (Montane heath) Soaring, calling | | AOD |
| BZ00123 | 15/02/2019 | VP1 | Buzzard | 2 | 13:29:00 | 190 | 90 | 100 | | WD4, (Conifer plantation) Soaring, calling | | AOD |
| BZ00124 | 15/02/2019 | VP1 | Buzzard | 1 | 13:34:00 | 30 | 30 | | | Soaring, calling WD4, (Conifer plantation) Flew from edge of site flew towards VP calling | | AOD |
| BZ00125 | 15/02/2019 | VP1 | Buzzard | 1 | 14:45:00 | 60 | 60 | | | WD4, (Conifer plantation) HH4, (Montane heath) Soaring | | AOD |
| BZ00126 | 15/02/2019 | VP1 | Buzzard | 2 | 14:47:00 | 600 | 300 | 300 | | WD4, (Conifer plantation) HH4, (Montane heath) Soaring, calling | | AOD |
| BZ00127 | 17/02/2019 | VP3 | Buzzard | 1 | 14:34:00 | 50 | | 50 | | WD4, (Conifer plantation) Soaring, calling | | AOD |
| BZ00128 | 17/02/2019 | VP3 | Buzzard | 1 | 15:05:00 | 15 | 15 | | | WD4, (Conifer plantation) HH4, (Montane heath) Flying from hilltop | | AOD |
| BZ00129 | 25/02/2019 | VP1 | Buzzard | 1 | 15:50:00 | 20 | 20 | | | WD4, (Conifer plantation) HH4, (Montane heath) Soaring | | AOD |
| BZ00130 | 25/02/2019 | VP1 | Buzzard | 1 | 16:00:00 | 30 | 30 | | | WD4, (Conifer plantation) Flying near treetops calling | | AOD |
| BZ00131 | 27/02/2019 | VP4 | Buzzard | 1 | 13:45:00 | 45 | 45 | | | WD4, (Conifer plantation) Soaring, calling | | AOD |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|----------|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ00132 | 27/02/2019 | VP4 | Buzzard | 1 | 13:59:00 | 20 | | 20 | | WD4, (Conifer plantation) Soaring | | AOD |
| BZ00133 | 12/03/2019 | VP2 | Buzzard | 1 | 09:20:00 | 10 | 10 | | | WD4, (Conifer plantation) Flying low | | AOD |
| BZ00134 | 12/03/2019 | VP2 | Buzzard | 1 | 09:33:00 | 180 | 130 | 50 | | WD4, (Conifer plantation) Soaring | | AOD |
| BZ00135 | 13/03/2019 | VP6 | Buzzard | 1 | 14:36:00 | 45 | 45 | | | WD4, (Conifer plantation) Flying | | AOD |
| BZ00136 | 26/03/2019 | VP3 | Buzzard | 1 | 11:18:00 | 10 | 10 | | | WD4, (Conifer plantation) Flew between trees | Adult | AOD |
| BZ00137 | 26/03/2019 | VP3 | Buzzard | 1 | 11:20:00 | 16 | 16 | | | WD4, (Conifer plantation) Followed same route between trees | Adult | AOD |
| BZ00138 | 10/04/2019 | VP1a | Buzzard | 1 | 09:53:00 | 200 | | 200 | | PB3, (Lowland blanket bog) HH3, (Wet heath) 400m to south. Hover and hunting for 200 secs then made a dive out of view | | ND |
| BZ00139 | 10/04/2019 | VP3a | Buzzard | 1 | 11:08:00 | 80 | | 80 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) circling over terrain and forestry. | | ND |
| BZ00140 | 10/04/2019 | VP3a | Buzzard | 1 | 11:18:00 | 75 | | 75 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) BZ seen again, circling low and ascending flying over young forestry and mixed habitat. South-east to north west. | | ND |
| BZ00141 | 11/04/2019 | VP5 | Buzzard | 1 | 10:27:00 | 15 | 15 | | | WD4, (Conifer plantation) Being mobbed by a raven | | ЈВ |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|----------------|------------------------------|-----------------------|-------------------------|--------------------------|--|--------------------|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ00142 | 11/04/2019 | VP5 | Buzzard | 2 | 12:40:00 | 35 | | | | WD4, (Conifer plantation) PB3, (Lowland blanket bog) Perching on site and feeding off sheep carcass off site. Getting mobbed by raven. | | ЈВ |
| BZ00143 | 17/04/2019 | VP6 | Buzzard | 1 | 18:00:00 | 10 | 10 | | | PB2, (Upland blanket bog) hunting | | JB |
| BZ00144 | 17/04/2019 | VP6 | Buzzard | 1 | 18:01:00 | 314 | 9 | 305 | | PB2, (Upland blanket bog) hunting | | ЈВ |
| BZ00145 | 17/04/2019 | VP6 | Buzzard | 1 | 18:13:00 | 50 | | 50 | | PB2, (Upland blanket bog) hunting | | ЈВ |
| BZ00146 | 17/04/2019 | VP6 | Buzzard | 1 | 18:40:00 | 5 | | 5 | | PB2, (Upland blanket bog) hunting | | ЈВ |
| BZ00147 | 17/04/2019 | VP6 | Buzzard | 1 | 18:44:00 | 7 | | 7 | | PB2, (Upland blanket bog) hunting | | ЈВ |
| BZ00148 | 17/04/2019 | VP6 | Buzzard | 1 | 18:47:00 | 20 | 15 | 5 | | PB2, (Upland blanket bog) hunting | | ЈВ |
| BZ00149 | 17/04/2019 | VP6 | Buzzard | 1 | 19:24:00 | 164 | | 164 | | PB2, (Upland blanket bog) hunting | | JB |
| BZ00150 | 17/04/2019 | VP6 | Buzzard | 1 | 19:29:00 | 92 | | 92 | | PB2, (Upland blanket bog) hunting | | ЈВ |
| BZ00151 | 07/05/2019 | VP4 | Buzzard | 1 | 06:28:00 | 20 | | 20 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Travelling | | ЈВ |
| BZ00152 | 13/05/2019 | VP1a | Buzzard | 1 | 06:22:00 | 92 | | 92 | | HH3, (Wet heath) PB2, (Upland blanket bog) WD4, (Conifer plantation) Foraging by hovering | Breeding territory | ND |
| BZ00153 | 13/05/2019 | VP1a | Buzzard | 1 | 09:18:00 | 360 | | 360 | | HH3, (Wet heath) PB2, (Upland blanket bog) PF2, (Poor fen and flush) Foraging | Breeding territory | ND |



| | | | | | | | Var | ntage Po | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| | | | | | | | | | | by hovering about 80m over ground, position 600m SW of VP1a, quartering ground from height and moving slowly eastward out of viewshed. | | |
| BZ00154 | 19/05/2019 | VP2a | Buzzard | 1 | 07:10:00 | 45 | 45 | | | WD4, (Conifer plantation) Flying low and direct, in breeding site / territory area | Breeding territory | ND |
| BZ00155 | 19/05/2019 | VP2a | Buzzard | 1 | 10:55:00 | 265 | | 265 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) Foraging on wing, hovering and moving positions, scanning terrain below. On skyline over forest edge zone. | Breeding territory | ND |
| BZ00156 | 21/05/2019 | VP5 | Buzzard | 1 | 10:00:00 | 26 | | 26 | | HH3, (Wet heath) PF2, (Poor fen and flush) WD4, (Conifer plantation) TRAVELLING | | ЈВ |
| BZ00157 | 28/05/2019 | VP6 | Buzzard | 1 | 09:15:00 | 600 | | 600 | | PB2, (Upland blanket bog) HH3, (Wet heath) GS4, (Wet grassland) Foraging. Hovering and moving positions by small margins, progressively eastward over plateau | Breeding territory | ND |
| BZ00158 | 07/06/2019 | VP2a | Buzzard | 1 | 10:25:00 | 90 | | 90 | | PB4, (Cutover bog) HH3, (Wet heath) WD4, (Conifer plantation) Hovering, moving position, foraging. | Hovering, moving position, foraging. | ND |
| BZ00159 | 07/06/2019 | VP2a | Buzzard | 1 | 10:43:00 | 190 | 90 | 100 | | WD4, (Conifer plantation) possible same bird as above. | possible same bird as above. Arrived into forested area and | ND |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| | | | | | | | | | | Arrived into forested area and conifers and made prey food drop to nest. Quick in and out skirted away and circled up and around then off to south /south west again. Nest approx. 43000/31000 | conifers and made prey food drop to nest. Quick in and out skirted away and circled up and around then off to south /south west again. Nest approx. 43000/31000 | |
| BZ00160 (NEST) | 07/06/2019 | VP2a | Buzzard | | | | | | | | Nest | ND |
| BZ00161 | 22/06/2019 | VP2a | Buzzard | 1 | 11:40:00 | 35 | 35 | | | | Flew across forest ride in direct flight 10-20 m high descending over WD4 towards nest area. Possibly carrying food item. Out of view behind conifers | ND |
| BZ00162 | 26/06/2019 | VP3a | Buzzard | 1 | 12:04:00 | 85 | 30 | 55 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) flew south over slope of Crockanure forest, quartering terrain then circling and descending in valley bottom, forest edge- wetland near river. Dropped down out of view | flew south over slope of Crockanure forest, quartering terrain then circling and descending in valley bottom, forest edge-wetland near river. Dropped down out of view | ND |
| BZ00163 | 28/06/2019 | VP6 | Buzzard | 1 | 12:24:00 | 280 | 20 | 260 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet heath) Flew slowly down over slope finally down to ground. Dropped down at forest edge near stream, and poor flush area | Flew slowly down over slope finally down to ground. Dropped down at forest edge near stream, and poor flush area | ND |



| | | | | | | | Vai | ntage P | oint Surv | eys | | |
|-------------|------------|------|---------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| BZ00164 | 29/06/2019 | VP5 | Buzzard | 1 | 16:06:00 | 38 | | 38 | | WD4, (Conifer plantation) Hunting, very active over young 2nd generation plantation on site | Hunting, very active over young 2nd generation plantation on site | ЈВ |
| BZ00165 | 06/07/2019 | VP1a | Buzzard | 1 | 12:26:00 | 128 | | 80 | 48 | WD4, (Conifer plantation) Foraging, hovering, descending to tree-top level, moving west | In breeding territory | ND |
| BZ00166 | 13/07/2019 | VP1a | Buzzard | 1 | 10:35:00 | 282 | | 10 | 272 | WD4, (Conifer plantation) Foraging, hovering, moving southwest | In breeding territory | ND |
| BZ00167 | 16/07/2019 | VP3a | Buzzard | 1 | 10:21:00 | 164 | | | 164 | PB2, (Upland blanket bog) HH3, (Wet heath) hovering foraging across slope of Glackmore | In breeding territory | ND |
| BZ00168 | 16/07/2019 | VP3a | Buzzard | 1 | 12:10:00 | 285 | | | 285 | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) foraging, pausing to hover and scan repeatedly, finally moving away from view to SW | In breeding territory | ND |
| BZ00169 | 20/07/2019 | VP4 | Buzzard | 1 | 11:36:00 | 366 | | | 256 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting, circling | | JB |
| BZ00170 | 20/07/2019 | VP4 | Buzzard | 1 | 12:52:00 | 95 | | 15 | 30 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | | JВ |
| BZ00171 | 20/07/2019 | VP4 | Buzzard | 1 | 13:29:00 | 18 | | | 18 | WD4, (Conifer plantation) Hunting | | ЈВ |
| BZ00172 | 23/07/2019 | VP5 | Buzzard | 1 | 11:29:00 | 16 | | 16 | | PB2, (Upland blanket bog) WD4, (Conifer plantation) | | JB |



| | | | | | | | Var | ntage Po | oint Surv | eys | | | |
|--|------------------------------|-----|---------|-----------|-------------------|--------------------|---------------|----------------|---------------|-------------------------------|----------|----------|--|
| Мар | Date | VP | Species | No. of | Time of flight | Duration of flight | Band 1 (0- | Band 2 (25- | Band 3 PCH | Notes on habitat and activity | Comments | Surveyor | |
| Ref. | | | | | | | | | | | | | |
| | Birds (s) 25m) 175m) (175m+) | | | | | | | | | | | | |
| | Travelling to land on bead | | | | | | | | | | | | |
| | | | | | | | | | | tree where perched for 12min | | | |
| | | | | | | | | | | before leaving. | | | |
| BZ00173 | 21/08/2019 | VP4 | Buzzard | 1 | 16:54:00 | 240 | 100 | 140 | | WD4, (Conifer plantation) | | JK | |
| | | | | | | | | | | Soaring. | | | |
| BZ00174 04/09/2019 VP5 Buzzard 1 08:45:00 25 | | | | | | | | | | | JK | | |
| | , , | | | | | | | | | into wind | | | |

| | | | | | | Vantage I | Point Sui | veys 202 | 1 | | | |
|----------|-----|------------|-------|---------|--------|---------------------------|-------------------|--------------------|-------------------|-------------------|--|----------|
| Map Ref. | VP | Date | Time | Species | Number | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and activity | Surveyor |
| BZ175 | VP4 | 23/01/2021 | 10:41 | Buzzard | 1 | 79 | | | 79 | | conifer plantation; circling over Glenard, female | DM |
| BZ176 | VP1 | 08/02/2021 | 14:09 | Buzzard | 1 | 136 | | 136 | | | conifer plantation; circling over Glenard, female | DM |
| BZ177 | VP2 | 08/02/2021 | 11:55 | Buzzard | 1 | 180 | | 180 | | | raised bog and conifer plantation; hunting, male | MM |
| BZ178 | VP2 | 08/02/2021 | 13:10 | Buzzard | 1 | 150 | | 30 | 120 | | raised bog and conifer plantation; hunting, female | MM |
| BZ179 | VP2 | 08/02/2021 | 14:15 | Buzzard | 1 | 75 | 15 | 60 | | | conifer plantation and raised bog; travelling, male | MM |
| BZ180 | VP2 | 08/02/2021 | 14:20 | Buzzard | 2 | 180 | | 180 | | | raised bog; travelling, male& female | MM |
| BZ181 | VP2 | 08/02/2021 | 16:55 | Buzzard | 1 | 360 | 120 | 240 | | | conifer plantation and raised bog; hunting between turbines, female | MM |
| BZ182 | VP2 | 09/02/2021 | 12:36 | Buzzard | 1 | 780 | 30 | 30 | 720 | | raised bog and conifer plantation; hunting, female | MM |
| BZ183 | VP2 | 09/02/2021 | 14:05 | Buzzard | 1 | 120 | | | 120 | | raised bog; hunting, female | MM |



| | | | | | | Vantage l | Point Su | rveys 202 | 1 | | | |
|----------|-----|------------|-------|---------|--------|---------------------------|----------------|--------------------|-------------------|----------------|--|----------|
| Map Ref. | VP | Date | Time | Species | Number | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and activity | Surveyor |
| BZ184 | VP3 | 11/02/2021 | 12:03 | Buzzard | 1 | 416 | 329 | 87 | | | raised bog and conifer plantation; hunting, female | DM |
| BZ185 | VP4 | 15/02/2021 | 11:47 | Buzzard | 1 | 236 | | 41 | 195 | | conifer plantation; circling over glenard, female | DM |
| BZ186 | VP7 | 22/02/2021 | 11:30 | Buzzard | 1 | 900 | 300 | 600 | | | raised bog and conifer plantation; hunting, male | DM |
| BZ187 | VP7 | 22/02/2021 | 11:55 | Buzzard | 1 | 660 | 120 | 420 | 120 | | conifer plantation and raised bog; hunting, mobbed by hc, male | MM |
| BZ188 | VP7 | 22/02/2021 | 14:47 | Buzzard | 1 | 480 | | 300 | 120 | 60 | raised bog and conifer plantation; soaring, female | MM |
| BZ189 | VP7 | 22/02/2021 | 15:50 | Buzzard | 1 | 1200 | 720 | 420 | | | conifer plantation and raised bog; hunting, female | MM |
| BZ190 | VP7 | 22/02/2021 | 16:20 | Buzzard | 1 | 420 | 60 | 300 | | | conifer plantation and raised bog; hunting , male | MM |
| BZ191 | VP7 | 01/03/2021 | 10:29 | Buzzard | 1 | 463 | | 163 | 300 | | mixed broadleaved/conifer woodland and raised bog; circling over restock, female | DM |
| BZ192 | VP2 | 03/03/2021 | 11:05 | Buzzard | 1 | 374 | | 142 | 232 | | conifer plantation and raised bog; circling over Glenard before hunting over Sorne. moved off in NW direction, female | DM |
| BZ193 | VP5 | 04/03/2021 | 12:23 | Buzzard | 1 | 369 | | 369 | | | conifer plantation; circling over glenard, male | DM |
| BZ194 | VP1 | 06/03/2021 | 11:29 | Buzzard | 1 | 436 | | 22 | 414 | | conifer plantation and raised bog; circling over Glenard. begun hunting briefly over Meenyanly, male | DM |
| BZ195 | VP6 | 08/03/2021 | 10:21 | Buzzard | 1 | 469 | | | 469 | | raised bog; circling high, female | DM |
| BZ196 | VP3 | 09/03/2021 | 10:02 | Buzzard | 1 | 309 | | 45 | 264 | | conifer plantation; circling, female | DM |
| BZ197 | VP4 | 10/03/2021 | 10:11 | Buzzard | 1 | 249 | | | 249 | | conifer plantation; adult - circling, female | DM |



| | | | | | | Vantage l | Point Su | rveys 202 | 1 | | | |
|----------|------|------------|-------|---------|--------|---------------------------|-------------------|--------------------|-------------------|----------------|---|----------|
| Map Ref. | VP | Date | Time | Species | Number | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and activity | Surveyor |
| BZ198 | VP4 | 10/03/2021 | 13:49 | Buzzard | 1 | 360 | | | 360 | | conifer plantation; adult - circling, female | DM |
| BZ199 | VP6 | 09/04/2021 | 16:04 | Buzzard | 1 | 73 | 0 | 0 | 73 | 0 | | DM |
| BZ200 | VP5a | 09/04/2021 | 19:05 | Buzzard | 2 | 187 | 187 | 0 | 0 | 0 | improved agricultural grassland; pair copulating in the tree | BD |
| BZ201 | VP1a | 11/04/2021 | 13:01 | Buzzard | 1 | 30 | 0 | 30 | 0 | 0 | conifer plantation; flew low over forestry | PW |
| BZ202 | VP1a | 11/04/2021 | 13:05 | Buzzard | 1 | 10 | 10 | 0 | 0 | 0 | conifer plantation; flew low over forestry | PW |
| BZ203 | VP4 | 09/05/2021 | 08:11 | Buzzard | 1 | 216 | 0 | 0 | 216 | 0 | conifer plantation and bogs; circling | DM |
| BZ204 | VP6 | 15/05/2021 | 06:11 | Buzzard | 1 | 136 | 0 | 0 | 136 | 0 | bogs and conifer plantation; circling | DM |
| BZ205 | VP7 | 16/05/2021 | 09:56 | Buzzard | 1 | 40 | 0 | 40 | 0 | 0 | conifer plantation; flying | PW |
| BZ206 | VP2 | 22/05/2021 | 14:58 | Buzzard | 1 | 240 | 0 | 0 | 240 | 0 | conifer plantation and bogs; hunting, bird hovered at times | MM |
| BZ207 | VP2 | 22/05/2021 | 16:20 | Buzzard | 1 | 60 | 0 | 0 | 60 | 0 | bogs; hunting, then travelling | MM |
| BZ208 | VP2 | 22/05/2021 | 16:58 | Buzzard | 2 | 120 | 0 | 30 | 90 | 0 | bogs; soaring, soaring, one bird went down | MM |
| BZ209 | VP5 | 24/05/2021 | 06:24 | Buzzard | 1 | 206 | 0 | 0 | 206 | 0 | bogs; male circling | DM |
| BZ210 | VP3 | 29/05/2021 | 06:29 | Buzzard | 1 | 293 | 0 | 0 | 293 | 0 | conifer plantation and improved agricultural grassland; circling, male | DM |
| BZ211 | VP7 | 07/06/2021 | 13:51 | Buzzard | 2 | 45 | 45 | 0 | 0 | 0 | conifer plantation and bogs; mobbed by hc , lost sight | PW |
| BZ212 | VP1a | 08/06/2021 | 12:02 | Buzzard | 1 | 15 | 15 | 0 | 0 | 0 | conifer plantation; flying, lost sight | PW |
| BZ213 | VP5 | 09/06/2021 | 15:11 | Buzzard | 1 | 184 | 0 | 0 | 184 | 0 | conifer plantation and improved agricultural grassland; circling, female | DM |
| BZ214 | VP3 | 11/06/2021 | 14:21 | Buzzard | 1 | 369 | 0 | 86 | 283 | 0 | improved agricultural grassland and conifer plantation; flying low and fast, male | DM |
| BZ215 | VP2 | 13/06/2021 | 09:17 | Buzzard | 1 | 300 | 30 | 30 | 240 | 0 | bogs; hunting, hovering, dived to ground | MM |



| | | | | | | Vantage l | Point Su | rveys 202 | 1 | | | |
|----------|------|------------|-------|---------|--------|---------------------------|-------------------|--------------------|-------------------|----------------|--|----------|
| Map Ref. | VP | Date | Time | Species | Number | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and activity | Surveyor |
| BZ216 | VP2 | 13/06/2021 | 10:09 | Buzzard | 1 | 420 | 0 | 0 | 420 | 0 | improved agricultural grassland; mobbed by HC, went above it | MM |
| BZ217 | VP2 | 13/06/2021 | 11:33 | Buzzard | 1 | 90 | 0 | 0 | 90 | 0 | bogs; soaring high | MM |
| BZ218 | VP5 | 09/07/2021 | 11:03 | Buzzard | 1 | 216 | 0 | 0 | 216 | 0 | conifer plantation and raised bog; circling, male | DM |
| BZ219 | VP1a | 11/07/2021 | 08:09 | Buzzard | 1 | 86 | 10 | 60 | 16 | 0 | conifer plantation and bogs; hunting, male | PW |
| BZ220 | VP1a | 11/07/2021 | 13:30 | Buzzard | 1 | 42 | 0 | 0 | 42 | 0 | conifer plantation and bogs; hunting, male | PW |
| BZ221 | VP6 | 14/07/2021 | 10:04 | Buzzard | 1 | 89 | 0 | 19 | 70 | 0 | bogs and conifer plantation; ad male circling over Glackmore Hill, ad male | DM |
| BZ222 | VP7 | 25/07/2021 | 12:10 | Buzzard | 2 | 120 | 120 | 0 | 0 | 0 | conifer plantation; 2x juv flying low along forestry and going to ground | MM |
| BZ223 | VP1a | 29/08/2021 | 09:22 | Buzzard | 1 | 179 | 0 | 33 | 146 | 0 | conifer plantation and bogs; circling, female circling high (circa 100m) over Meenyanly | DM |
| BZ224 | VP2 | 31/08/2021 | 14:53 | Buzzard | 1 | 164 | 0 | 0 | 164 | 0 | conifer plantation and bogs; circling, male circling over some hill flew off in sw direction | DM |
| BZ225 | VP2 | 21/09/2021 | 15:20 | Buzzard | 1 | 150 | 0 | 150 | 0 | 0 | bogs; circling and hovering, mobbed by 2 ravens | MM |
| BZ226 | VP2 | 21/09/2021 | 15:50 | Buzzard | 1 | 45 | 0 | 45 | 0 | 0 | bogs; travelling near forest | MM |
| BZ227 | VP7 | 25/09/2021 | 15:15 | Buzzard | 2 | 360 | 0 | 90 | 270 | 0 | | MM |
| BZ228 | VP7 | 25/09/2021 | 15:30 | Buzzard | 2 | 240 | 0 | 60 | 180 | 0 | | MM |
| BZ229 | VP7 | 25/09/2021 | 15:45 | Buzzard | 1 | 60 | 0 | 20 | 40 | 0 | | MM |
| BZ230 | VP7 | 25/09/2021 | 15:55 | Buzzard | 1 | 120 | 0 | 0 | 120 | 0 | | MM |
| BZ231 | VP4 | 26/09/2021 | 17:51 | Buzzard | 1 | 122 | 0 | 0 | 122 | 0 | bogs; circling, male circling overhead. moved off in w direction | DM |



| | Vantage Point Surveys 2021 | | | | | | | | | | | | |
|----------|---|------------|-------|---------|---|-----|---|---|-----|---|---|----|--|
| Map Ref. | Map Ref. VP Date Time Species Number Duration Band 1 Band 2 PCH (25- Band 4 (>175m) Habitat and activity Surveyor | | | | | | | | | | | | |
| BZ232 | VP1 | 30/09/2021 | 15:02 | Buzzard | 1 | 163 | 0 | 0 | 163 | 0 | conifer plantation; circling, female circling over forestry. moved off out of site in NNW direction | DM | |

| | Vantage Point Survey – Non-Flight Observations | | | | | | | | | | |
|------------|---|--|--|--|--|--|--|--|--|--|--|
| Date | Date VP Species No. of Birds Time Comments Surveyor | | | | | | | | | | |
| 20/04/2018 | 0/04/2018 5a Buzzard 1 Heard only to west ND | | | | | | | | | | |
| 21/04/2018 | 21/04/2018 4 Buzzard 1 Heard only to west ND | | | | | | | | | | |

| | Breeding Walkover Surveys | | | | | | | | | | |
|-----------------|---------------------------|-------|---------|-----------------|---|--|----------|--|--|--|--|
| Map Ref. No. | Survey Date | Time | Species | No. of birds | Habitat and Activity | Comments | Surveyor | | | | |
| BZ001 | 09/04/2017 | 13:01 | Buzzard | 2 | WD4, (Conifer plantation) Territorial call | Pair observed in suitable nesting habitat in breeding season; Probable breeding | AR | | | | |
| BZ002 | 09/04/2017 | 15:20 | Buzzard | 1 | HH3, (Wet heath) Hunting | Flying over; Non-breeding | AR | | | | |
| BZ003 | 15/04/2017 | 11:30 | Buzzard | 2 | PB2, (Upland blanket bog) HH3, (Wet heath) Displaying | Courtship and display; Probable breeding | AR | | | | |
| BZ004 | 15/04/2017 | 12:04 | Buzzard | 1 | WS5, (Recently felled woodland) Hunting | Suitable nesting habitat; Possible breeder | AR | | | | |
| BZ005 | 15/04/2017 | 12:18 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR | | | | |
| BZ006 | 15/04/2017 | 13:40 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR | | | | |
| BZ007 | 15/04/2017 | 14:15 | Buzzard | 1 | HH3, (Wet heath) WD4, (Conifer plantation) Hunting | Singing male present in breeding season in suitable breeding habitat; Possible breeder | AR | | | | |
| BZ008 | 15/04/2017 | 15:30 | Buzzard | 1 | HH3, (Wet heath) Hunting | Singing male present in breeding season in suitable breeding habitat; Possible breeder | AR | | | | |
| BZ009 | 17/04/2017 | 10:29 | Buzzard | 1 | PB2, (Upland blanket bog) Hunting | Flying over; Non-breeding | AR | | | | |



| | | | | | Breeding Walkover Surveys | | |
|-----------------|----------------|----------|---------|-----------------|--|---|----------|
| Map Ref. No. | Survey Date | Time | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| BZ0010 | 17/04/2017 | 14:20 | Buzzard | 2 | WD4, (Conifer plantation) Hunting | Pair observed in suitable nesting habitat in breeding season; Probable breeding | AR |
| BZ0011 | 17/04/2017 | 14:58 | Buzzard | 1 | HH3, (Wet heath) Hunting | Flying over; Non-breeding | AR |
| BZ0012 | 29/04/2017 | 10:50 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0013 | 29/04/2017 | 12:49 | Buzzard | 1 | PB2, (Upland blanket bog) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0014 | 29/04/2017 | 13:20 | Buzzard | 1 | HH3, (Wet heath) Calling | Suitable nesting habitat; Possible breeder | AR |
| BZ0015 | 06/05/2017 | 10:55 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0016 | 13/05/2017 | 12:35 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0017 | 18/05/2017 | 12:31 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0018 | 20/05/2017 | 12:03 | Buzzard | 2 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Pair observed in suitable nesting habitat in breeding season; Probable breeding | AR |
| BZ0019 | 10/06/2017 | 12:48 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0020 | 11/06/2017 | 13:40 | Buzzard | 2 | WD4, (Conifer plantation) Hunting | Adults carrying faecal sac or food for young; Confirmed breeding | AR |
| BZ0021 | 16/06/2017 | 09:40 | Buzzard | 1 | HH3, (Wet heath) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0022 | 24/06/2017 | 09:15 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0023 | 24/06/2017 | 10:25 | Buzzard | 1 | WS5, (Recently felled woodland) Flying around nest site | Adults entering/leaving nests or seen incubating; Confirmed breeding | AR |
| BZ0024 | 09/07/2017 | 10:46 | Buzzard | 1 | PB2, (Upland blanket bog) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0025 | 09/07/2017 | 13:40 | Buzzard | 2 | HH3, (Wet heath) Hunting | Pair observed in suitable nesting habitat in breeding season; Probable breeding | AR |
| BZ0026 | 23/07/2017 | 13:10 | Buzzard | 2 | WD4, (Conifer plantation) Calling | Pair observed in suitable nesting habitat in breeding season; Probable breeding | AR |
| BZ0027 | 23/07/2017 | 14:10 | Buzzard | 1 | PB2, (Upland blanket bog) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0028 | 29/07/2017 | 14:50 | Buzzard | 1 | PB2, (Upland blanket bog) Perched | Suitable nesting habitat; Possible breeder | AR |
| BZ0029 | 29/07/2017 | 16:34 | Buzzard | 1 | PB2, (Upland blanket bog) Calling | Suitable nesting habitat; Possible breeder | AR |
| BZ0030 | 04/04/2018 | 13:51:00 | Buzzard | 1 | flying around north boundary of the site | | AOD |



| | | | | | Breeding Walkover Surveys | | |
|-----------------|----------------|----------|---------|-----------------|--|----------|----------|
| Map Ref. No. | Survey Date | Time | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| BZ0031 | 04/04/2018 | 16:09:00 | Buzzard | 1 | flying around north boundary of the site | | AOD |
| BZ0032 | 05/04/2018 | 12:10:00 | Buzzard | 1 | WD4, (Conifer plantation) soaring over WD4 | | AOD |
| BZ0033 | 05/04/2018 | 14:55:00 | Buzzard | 1 | WD4, (Conifer plantation) flew out of WD4 track | | AOD |
| BZ0034 | 05/04/2018 | 16:00:00 | Buzzard | 3 | GS4, (Wet grassland) Flew from GS4 on site, possibly mating | Possible | AOD |
| BZ0035 | 07/04/2018 | 18:19:00 | Buzzard | 1 | WD4, (Conifer plantation) soaring over WD4 | | AOD |
| BZ0036 | 19/05/2018 | 13:10:00 | Buzzard | 1 | Soaring over conifer plantation and bog. | | JOS |
| BZ0037 | 19/05/2018 | | Buzzard | 1 | | | JOS |
| BZ0038 | 19/05/2018 | | Buzzard | 1 | | | JOS |
| BZ0039 | 20/06/2018 | 15:04:00 | Buzzard | 1 | WD4, (Conifer plantation) Flying low on site. Hunting | | AOD |
| BZ0040 | 21/06/2018 | 16:50:00 | Buzzard | 1 | Soaring high. South of Glenard | | AOD |
| BZ0041 | 28/06/2018 | 10:41:00 | Buzzard | 2 | Soaring over west of site. Calling repeatedly. Alarmed | Probable | AOD |
| BZ0043 | 18/07/2018 | 14:55:00 | Buzzard | 2 | WD4, (Conifer plantation) Flying low and calling near nest site on Ture. No fledglings visible, but adults territorial | Probable | AOD |
| BZ0043 | 19/07/2018 | 12:18:00 | Buzzard | 1 | Soaring low west of site | | AOD |
| BZ0044 | 19/07/2018 | 15:53:00 | Buzzard | 1 | WD4, (Conifer plantation) Soaring high over Glenard site | | AOD |
| BZ0045 | 19/07/2018 | 16:47:00 | Buzzard | 1 | WS5, (Recently felled woodland) Hunting west of site. Hovering over. | | AOD |
| BZ0046 | 20/07/2018 | 16:22:00 | Buzzard | 2 | Flew out from near possible nest area | Probable | AOD |
| BZ047 | 30/04/2021 | 13:02 | Buzzard | 1 | bogs; flying, male (suitable nesting habitat; possible breeder) | | PW |
| BZ048 | 10/06/2021 | 17:41 | Buzzard | 1 | bogs and conifer plantation; circling, male (suitable nesting habitat; possible breeder) | | DM |
| BZ049 | 11/07/2021 | 18:01 | Buzzard | 1 | bogs; flying, male (suitable nesting habitat; possible breeder) | | PW |



| | | | | | Breeding Raptor Surveys | | |
|-----------------|----------------|---------------------|---------|-----------------|--|---|----------|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| BZ001 | 14/04/2017 | 09:44:00 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ002 | 14/04/2017 | 10:30:00 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ003 | 14/04/2017 | 12:45:00 | Buzzard | 1 | HH3, (Wet heath) PB2, (Upland blanket bog) In flight | Flying over; Non-breeding | AR |
| BZ004 | 14/04/2017 | 13:20:00 | Buzzard | 2 | HH3, (Wet heath) Displaying | Pair observed in suitable nesting habitat in breeding season; Probable breeding | AR |
| BZ005 | 16/04/2017 | 10:30:00 | Buzzard | 2 | HH3, (Wet heath) PB2, (Upland blanket bog) Displaying | Pair observed in suitable nesting habitat in breeding season; Probable breeding | AR |
| BZ006 | 16/04/2017 | 12:40:00 | Buzzard | 1 | HH3, (Wet heath) Hunting | Flying over; Non-breeding | AR |
| BZ007 | 16/04/2017 | 14:20:00 | Buzzard | 1 | WS5, (Recently felled woodland) Hunting | Flying over; Non-breeding | AR |
| BZ008 | 30/04/2017 | 10:58:00 | Buzzard | 2 | PB2, (Upland blanket bog) Territorial | Pair observed in suitable nesting habitat in breeding season; Probable breeding | AR |
| BZ009 | 30/04/2017 | 11:35:00 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0010 | 30/04/2017 | 13:25:00 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0011 | 07/05/2017 | 09:20:00 | Buzzard | 2 | HH3, (Wet heath) Hunting | Pair observed in suitable nesting habitat in breeding season; Probable breeding | AR |
| BZ0012 | 07/05/2017 | 12:10:00 | Buzzard | 1 | WD4, (Conifer plantation) Perched | Suitable nesting habitat; Possible breeder | AR |
| BZ0013 | 14/05/2017 | 10:35:00 | Buzzard | 1 | PB2, (Upland blanket bog) Nest building | Nest building or excavating nest hole; Probable breeding | AR |
| BZ0014 | 14/05/2017 | 11:50:00 | Buzzard | 1 | HH3, (Wet heath) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0015 | 16/05/2017 | 11:01:00 | Buzzard | 2 | HH3, (Wet heath) WD4, (Conifer plantation) Territorial behaviour | Pair observed in suitable nesting habitat in breeding season; Probable breeding | AR |
| BZ0016 | 16/05/2017 | 12:30:00 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0017 | 16/05/2017 | 14:11:00 | Buzzard | 1 | HH3, (Wet heath) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0018 | 09/06/2017 | 11:20:00 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Adults carrying faecal sac or food for young; Confirmed breeding | AR |
| BZ0019 | 09/06/2017 | 11:57:00 | Buzzard | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0020 | 09/06/2017 | 13:30:00 | Buzzard | 1 | PB2, (Upland blanket bog) Calling | Suitable nesting habitat; Possible breeder | AR |
| BZ0021 | 18/06/2017 | 14:30:00 | Buzzard | 1 | HH3, (Wet heath) Calling | Suitable nesting habitat; Possible breeder | AR |



| | | | | | Breeding Raptor Surveys | | |
|-----------------|----------------|---------------------|---------|-----------------|---|---|----------|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| BZ0022 | 18/06/2017 | 15:59:00 | Buzzard | 1 | WD4, (Conifer plantation) HH3, (Wet heath) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0023 | 25/06/2017 | 11:50:00 | Buzzard | 2 | WS5, (Recently felled woodland) Calling | Pair observed in suitable nesting habitat in breeding season; Probable breeding | AR |
| BZ0024 | 25/06/2017 | 14:55:00 | Buzzard | 1 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0025 | 08/07/2017 | 12:04:00 | Buzzard | 1 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0026 | 22/07/2017 | 09:40:00 | Buzzard | 1 | HH3, (Wet heath) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0027 | 22/07/2017 | 11:10:00 | Buzzard | 1 | WD4, (Conifer plantation) Perched | Recently fledged young/downy young; Confirmed breeding | AR |
| BZ0028 | 22/07/2017 | 13:17:00 | Buzzard | 1 | PB2, (Upland blanket bog) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0029 | 22/07/2017 | 14:45:00 | Buzzard | 1 | WD4, (Conifer plantation) Perched | Suitable nesting habitat; Possible breeder | AR |
| BZ0030 | 30/07/2017 | 14:15:00 | Buzzard | 2 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Pair observed in suitable nesting habitat in breeding season; Probable breeding | AR |
| BZ0031 | 30/07/2017 | 16:24:00 | Buzzard | 1 | HH3, (Wet heath) Hunting | Suitable nesting habitat; Possible breeder | AR |
| BZ0032 | 10/04/2018 | 17:40:00 | Buzzard | 2 | GS4, (Wet grassland) PB2, (Upland blanket bog) flying, pair hunting and soaring east of site | | AOD |
| BZ0033 | 11/04/2018 | 14:28:00 | Buzzard | 2 | PB2, (Upland blanket bog) GS4, (Wet grassland) pair soaring together band 2/3. off site | | AOD |
| BZ0034 | 11/04/2018 | 15:31:00 | Buzzard | 1 | WD4, (Conifer plantation) PB2, (Upland blanket bog) GS4, (Wet grassland) travelling on Illies Hill. offsite | | AOD |
| BZ0035 | 12/04/2018 | 16:29:00 | Buzzard | 2 | PB2, (Upland blanket bog) WD4, (Conifer plantation) pair soaring likely to be the same pair seen before | | AOD |
| BZ0036 | 12/04/2018 | 19:09:00 | Buzzard | 1 | PB2, (Upland blanket bog) flew from WD4 patch towards site | | AOD |
| BZ0037 | 17/05/2018 | 11:42:00 | Buzzard | 1 | PB, (Bogs) WD4, (Conifer plantation) In fight | Soaring over north of site. | JOS |
| BZ0038 | 18/05/2018 | 12:29:00 | Buzzard | 1 | PB, (Bogs) WD4, (Conifer plantation) In flight | Soaring over bog and conifers, band 2, into conifer canopy, out of view. | JOS |
| BZ0039 | 18/05/2018 | 14:06:00 | Buzzard | 1 | PB, (Bogs) WD4, (Conifer plantation) In flight | Soaring over bog and conifer, band 3, mobbed by HC. | JOS |



| | | | | | Breeding Raptor Surveys | | |
|-----------------|----------------|---------------------|---------|-----------------|--|--|----------|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| BZ0040 | 22/05/2018 | 15:15:00 | Buzzard | 1 | PB, (Bogs) WD4, (Conifer plantation) | Soaring band 3. | JOS |
| BZ0041 | 22/05/2018 | 15:25:00 | Buzzard | 1 | PB, (Bogs) WD4, (Conifer plantation) In flight | Soaring over conifers with other BZ. | JOS |
| BZ0042 | 22/05/2018 | 15:25:00 | Buzzard | 1 | PB, (Bogs) WD4, (Conifer plantation) In flight | Soaring over conifers with other BZ. | JOS |
| BZ0043 | 22/05/2018 | 15:44:00 | Buzzard | 1 | WD4, (Conifer plantation) | Flies east over conifers out of view. | JOS |
| BZ0044 | 22/05/2018 | 15:45:00 | Buzzard | 1 | WD4, (Conifer plantation) | Soaring | JOS |
| BZ0045 | 22/05/2018 | 15:48:00 | Buzzard | 1 | GS3, (Dry-humid acid grassland) In flight | Soaring over grassland | JOS |
| BZ0046 | 22/05/2018 | 16:20:00 | Buzzard | 1 | WD4, (Conifer plantation) GS3, (Dry-humid acid grassland) In flight | Soaring over acid grassland and conifers, drops into conifer canopy. | JOS |
| BZ0047 | 22/05/2018 | 16:30:00 | Buzzard | 1 | WD4, (Conifer plantation) Soaring | Soaring over conifers. | JOS |
| BZ0048 | 22/05/2018 | 16:33:00 | Buzzard | 1 | WD4, (Conifer plantation) In flight. | In flight over conifers | JOS |
| BZ0049 | 22/05/2018 | 16:59:00 | Buzzard | 1 | WD4, (Conifer plantation) In flight. | Circles over SW corner of site | JOS |
| BZ0050 | 01/06/2018 | 13:00:00 | Buzzard | 2 | FL1, (Dystrophic lakes) Pair on ground beside reservoir shore possible feeding on carrion | | AOD |
| BZ0051 | 05/06/2018 | 12:05:00 | Buzzard | 1 | WD4, (Conifer plantation) Calling in WD4 flushed out over PB2 flew south (band 2 60s) | | AOD |
| BZ0052 | 05/06/2018 | 14:36:00 | Buzzard | 1 | GA1, (Improved agricultural grassland) near gulls in silage field mobbed by HC hunting | | AOD |
| BZ0053 | 06/06/2018 | 18:11:00 | Buzzard | 1 | WD4, (Conifer plantation) mobbed by HC flew out from site | | AOD |
| BZ0054 | 10/07/2018 | 15:32:00 | Buzzard | 1 | PB2, (Upland blanket bog) GS3, (Dry-humid acid grassland) Soaring over Croakaheny flew off east | | AOD |
| BZ0055 | 10/07/2018 | 17:00:00 | Buzzard | 1 | PB2, (Upland blanket bog) GS4, (Wet grassland) Juvenile Illies Hill. Calling | | AOD |
| BZ0056 | 12/07/2018 | 09:01:00 | Buzzard | 1 | WD4, (Conifer plantation) Adult over site soaring | | AOD |
| BZ0057 | 12/07/2018 | 13:34:00 | Buzzard | 1 | GA1, (Improved agricultural grassland) Hunting over farmland south of site | | AOD |
| BZ0058 | 17/04/2019 | 08:25:00 | Buzzard | 1 | HH3, (Wet heath) PB2, (Upland blanket bog) GS4, (Wet grassland) foraging, hover hunting over open ground | Sorne Hill C4031 | ND |



| | | | | | Breeding Raptor Surveys | | |
|-----------------|----------------|---------------------|---------|-----------------|---|---|----------|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| BZ0059 | 17/04/2019 | 13:10:00 | Buzzard | 3 | WD4, (Conifer plantation) HH3, (Wet heath) Flying low over forestry and possibly landing in it. | Ture SE of Crackanure (C4628) | ЈВ |
| BZ0060 | 17/04/2019 | 13:30:00 | Buzzard | 4 | HH3, (Wet heath) GS3, (Dry-humid acid grassland) HH1, (Dry siliceous heath) soaring, interactive, territorial | Eskaheen east (C4428) | ЈВ |
| BZ0061 | 17/04/2019 | 15:35:00 | Buzzard | 1 | HH3, (Wet heath) GS3, (Dry-humid acid grassland) GS4, (Wet grassland) Flying, foraging | Ture and SE Crackanure (C4729) | JB |
| BZ0062 | 17/04/2019 | 13:55:00 | Buzzard | 1 | PB2, (Upland blanket bog) HH3, (Wet heath) WD4, (Conifer plantation) FLYING. Turning 15m over ground, within broad ridgeline and flew away out of view | C4231 (Cloghadoo) | ND |
| BZ0063 | 17/04/2019 | 14:30:00 | Buzzard | 1 | WD4, (Conifer plantation) FORAGING and flying low over immature WD4 and away over crest of hill to SE | C4230 Meenyanly | ND |
| BZ0064 | 21/04/2019 | 09:36:00 | Buzzard | 1 | WD4, (Conifer plantation) Flew low eastward, calling repeated alarm call. Territorial and defensive, possibly female near nest. | Flew west in ridgeline unsighted, calling alarm, territorial from C4429 to C4329. Breeding site, near nest. | ND |
| BZ0065 | 21/04/2019 | 12:30:00 | Buzzard | 2 | WD4, (Conifer plantation) HH3, (Wet heath) Two BZ flying a little apart, foraging over immature WD4 and open moor. Seem to be a pair. No aggression observed. | one pair in territory | ND |
| BZ0066 | 21/04/2019 | 13:40:00 | Buzzard | 1 | GS3, (Dry-humid acid grassland) HH3, (Wet heath) GS4, (Wet grassland) One BZ in flight foraging over slope of Glackmore | | ND |
| BZ0067 | 21/04/2019 | 14:00:00 | Buzzard | 2 | GS3, (Dry-humid acid grassland) HH3, (Wet heath) GS4, (Wet grassland) Two BZ very high,>100m soaring, interactive. Like two males disputing along territory boundary. | Overlap of two BZ breeding site territories | ND |
| BZ0068 | 24/04/2019 | 08:51:00 | Buzzard | 2 | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) Pair of BZ flew from edge over Illies Forest, SE toward and into Glenard forest. Lost visual at that point | Overlap of two BZ breeding site territories | ND |
| BZ0069 | 24/04/2019 | 10:35:00 | Buzzard | 1 | WD4, (Conifer plantation) BZ flying circling and giving alarm call over high closed forest, where nest located at C437327 | Overlap of two BZ breeding site territories | ND |
| BZ0070 | 25/04/2019 | 11:22:00 | Buzzard | 1 | HH3, (Wet heath) GS4, (Wet grassland) GS3, (Dry-humid acid grassland) Buzzard flying, foraging over hill slopes | probable breeding territory | ЈВ |



| | | | | | Breeding Raptor Surveys | | |
|-----------------|----------------|---------------------|---------|-----------------|--|--|----------|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| BZ0071 | 25/04/2019 | 12:24:00 | Buzzard | 1 | WD4, (Conifer plantation) HH3, (Wet heath) BZ flying, not travelling, over Illies Hill. Dropped down, out of view. | possible pair breeding in this area. Same or mate of previous obs. (18) | JB |
| BZ0072 | 01/05/2019 | 12:00:00 | Buzzard | 1 | WD4, (Conifer plantation) Perched, then flew off | possibly breeding in the area | JB |
| BZ0073 | 01/05/2019 | 15:14:00 | Buzzard | 1 | WD4, (Conifer plantation) Flying high, circling soaring 100m high, glide slowly west | breeding territory | JB |
| BZ0074 | 01/05/2019 | 16:34:00 | Buzzard | 1 | PB2, (Upland blanket bog) HH3, (Wet heath) PF2, (Poor fen and flush) foraging over slope | breeding territory | JB |
| BZ0075 | 15/05/2019 | 08:17:00 | Buzzard | 1 | WD4, (Conifer plantation) HH3, (Wet heath) Buzzard flying, foraging by hovering over hill slopes | possible breeding territory | JB |
| BZ0076 | 15/05/2019 | 12:40:00 | Buzzard | 1 | HH3, (Wet heath) WD4, (Conifer plantation) Foraging; hunting over slope, moving eastward | possible breeding territory | JB |
| BZ0077 | 13/06/2019 | 06:55:00 | Buzzard | 1 | HH3, (Wet heath) PB2, (Upland blanket bog) WD4, (Conifer plantation) Flying very high, slow, patrolling flight, northward in C4130 to C4131 | VP at C431/307 | ЈВ |
| BZ0078 | 13/06/2019 | 12:13:00 | Buzzard | 1 | HH3, (Wet heath) PB2, (Upland blanket bog) WD4, (Conifer plantation) Straight flight across valley from SE to NW | VP at C433/306 | ЈВ |
| BZ0079 | 22/06/2019 | 17:25:00 | Buzzard | 1 | WD4, (Conifer plantation) GS4, (Wet grassland) HH3, (Wet heath) BZ perched at forest edge in conifers, disturbed and flew off west over riparian wet grassland in river valley, 10m high | | ND |
| BZ0080 | 30/06/2019 | 09:23:00 | Buzzard | 1 | HH3, (Wet heath) PB2, (Upland blanket bog) WD4, (Conifer plantation) BZ travelling then foraging for 250 sec along bottom of valley, then flying on to E | VP at C435/307 BZ seems to belong to a pair that hold a territory and possibly breeding in the area 55.1277389, -7.307774 | ЈВ |
| BZ0081 | 30/06/2019 | 12:50:00 | Buzzard | 1 | HH3, (Wet heath) PB2, (Upland blanket bog) WD4, (Conifer plantation) BZ travelling up valley bottom eastward to Crockanure | VP at C438/308 good breeding habitat for HH and also covers probable flight paths i.e. river channel, forestry rides and tracks and the valley itself. Feel that this area is now well covered and does not have breeding HH | ND |
| BZ0087 | 16/07/2019 | 06:42:00 | Buzzard | 1 | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) BZ flew out of WD4 with J. fledging prey, to NW 20m high, carrying towards nest site. | J distress calls heard just before | ND |



| | | | | | Breeding Raptor Surveys | | |
|-----------------|----------------|---------------------|---------|-----------------|--|--|----------|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| BZ0084 | 20/07/2019 | 10:21:00 | Buzzard | 1 | HH3, (Wet heath) WD4, (Conifer plantation) Buzzard foraging in very methodical fashion; 30m over terrain, traversing along over forest edge zone E to W, pausing to hover, then moving on a little and repeating. Working in a straight line flightline. | Within occupied breeding territory in south side of Owenkillew valley | ND |
| BZ0085 | 20/07/2019 | 10:55:00 | Buzzard | 1 | WD4, (Conifer plantation) HH3, (Wet heath) PB2, (Upland blanket bog) Buzzard foraging over SW slope of Crockanure | In occupied breeding territory in south side of Owenkillew valley | ND |
| BZ0082 | 25/07/2019 | 14:28:00 | Buzzard | 1 | HH3, (Wet heath) PB2, (Upland blanket bog) WD4, (Conifer plantation) | low over forestry then hunting flight. 270 secs | JB |
| BZ0083 | 25/07/2019 | 15:22:00 | Buzzard | 1 | HH3, (Wet heath) PB2, (Upland blanket bog) WD4, (Conifer plantation) | slow travelling flight along river 165 sec, lost in haze | JB |
| BZ0086 | 27/07/2019 | 08:50:00 | Buzzard | 1 | WD4, (Conifer plantation) GS4, (Wet grassland) FW1, (Eroding/upland rivers) BZ flew E to W, overhead on walkover survey route along Ownekillew River, 20m over ground. | BZ flew E to W, overhead on walkover survey route along Ownekillew River, 20m over ground. | ND |
| BZ087 | 19/04/2021 | 09:37 | Buzzard | 1 | raised bog and improved agricultural grassland, circling over northern side of site. mobbed by MT & HC, adult male | | DM |
| BZ088 | 22/04/2021 | 10:10 | Buzzard | 1 | cutover bog, circling over bog, flew very low over heather | | MM |
| BZ089 | 22/04/2021 | 10:50 | Buzzard | 2 | cutover bog, soaring over forest | | MM |
| BZ090 | 28/04/2021 | 10:15 | Buzzard | 1 | amenity grassland (improved) and dry siliceous heath, flew over hill. mobbed by HC | | MM |
| BZ091 | 28/04/2021 | 10:55 | Buzzard | 1 | reservoirs, carrying prey. mobbed by raven | | MM |
| BZ092 | 28/04/2021 | 13:55 | Buzzard | 1 | improved agricultural grassland and upland blanket bog, travelling 200-300m high, bird flew very high | | MM |
| BZ093 | 13/05/2021 | 10:25 | Buzzard | 1 | bogs and improved agricultural grassland, travelling, mobbed by RN | | MM |
| BZ094 | 13/05/2021 | 10:50 | Buzzard | 2 | bogs, soaring together | | MM |



| | | | | | Breeding Raptor Surveys | | |
|-----------------|----------------|---------------------|---------|-----------------|---|--|----------|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| BZ095 | 13/05/2021 | 10:59 | Buzzard | 1 | bogs, soaring over heather then landed on fence post | | MM |
| BZ096 | 13/05/2021 | 11:10 | Buzzard | 1 | conifer plantation, flying over forest | | MM |
| BZ097 | 13/05/2021 | 11:15 | Buzzard | 2 | cutover bog, soaring very high together calling | | MM |
| BZ098 | 13/05/2021 | 11:52 | Buzzard | 1 | bogs, soaring | | MM |
| BZ099 | 13/05/2021 | 12:25 | Buzzard | 1 | cutover bog, circled over bog, landed on tree | | MM |
| BZ100 | 13/05/2021 | 12:30 | Buzzard | 2 | conifer plantation, two buzzards perched on forest, may be nesting in forest | | MM |
| BZ101 | 23/05/2021 | 14:12 | Buzzard | 1 | conifer plantation and bogs, male BZ mobbed by HC, low flight over forestry | fer plantation and bogs, male BZ mobbed by | |
| BZ102 | 23/05/2021 | 16:00 | Buzzard | 2 | ogs, male and female on ground, then soared to | | PW |
| BZ103 | 25/05/2021 | 09:24 | Buzzard | 1 | bogs, hunting male | | DM |
| BZ104 | 26/05/2021 | 09:34 | Buzzard | 1 | bogs and conifer plantation, male hunting, flew towards Sorne | | DM |
| BZ105 | 06/06/2021 | 08:50 | Buzzard | 1 | bogs, flying from east to west, started to be mobbed by HC, male | | PW |
| BZ106 | 06/06/2021 | 10:50 | Buzzard | 2 | bogs, male and female together, then being mobbed by 2xhc, then soared high | | PW |
| BZ107 | 09/06/2021 | 11:52 | Buzzard | 1 | bogs and conifer plantation, travelling, hovering then displaying | | MM |
| BZ108 | 09/06/2021 | 13:50 | Buzzard | 2 | improved agricultural grassland and conifer plantation, travelling then circled over forest | | MM |
| BZ109 | 12/06/2021 | 10:10 | Buzzard | 1 | bogs, travelling over hill, mobbed by 2 ravens and a kestrel | | MM |
| BZ110 | 12/06/2021 | 10:24 | Buzzard | 1 | bogs, soaring over area then flew towards hill, landed on hill | | MM |
| BZ111 | 12/06/2021 | 13:05 | Buzzard | 1 | bogs, circled over rushy fields and landed on same spot as map ref 3 bird | | MM |



| Breeding Raptor Surveys | | | | | | | | | | |
|-------------------------|----------------|---------------------|---------|-----------------|---|----------|----------|--|--|--|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor | | | |
| BZ112 | 13/06/2021 | 10:10 | Buzzard | 1 | bogs and improved agricultural grassland, circling - mobbed by HC, male | | DM | | | |
| BZ113 | 08/07/2021 | 10:05 | Buzzard | 1 | bogs, sitting on a pole scanning for prey | | MM | | | |
| BZ114 | 08/07/2021 | 12:25 | Buzzard | 1 | bogs, hunting over moorlands | | MM | | | |
| BZ115 | 08/07/2021 | 12:40 | Buzzard | 1 | bogs, travelling over fields then over bog. mobbed by hooded crows | | MM | | | |
| BZ116 | 08/07/2021 | 13:05 | Buzzard | 1 | bogs, sitting on a pole. same as map ref 1 | | MM | | | |
| BZ117 | 19/07/2021 | 13:24 | Buzzard | 1 | conifer plantation, male circling over forestry, male | | DM | | | |

| Winter Walkover Surveys | | | | | | | | | |
|-------------------------|------------|----------|---------|--------------|------------|---|----------|--|--|
| Map Ref. | Date | Time | Species | No. of birds | Sex/age | Habitat and Activity | Surveyor | | |
| BZ001 | 29/10/2016 | 09:20:00 | Buzzard | 1 | adult male | PB2, (Upland blanket bog) Hunting | AR | | |
| BZ002 | 29/10/2016 | 12:30:00 | Buzzard | 2 | | WD4, (Conifer plantation) Hunting | AR | | |
| BZ003 | 18/12/2016 | 12:22:00 | Buzzard | 1 | | HH3, (Wet heath) Hunting over heathland | AR | | |
| BZ004 | 18/12/2016 | 12:40:00 | Buzzard | 1 | | HH3, (Wet heath) Hunting | AR | | |
| BZ005 | 18/12/2016 | 15:09:00 | Buzzard | 1 | Adult male | PB2, (Upland blanket bog) Hunting offsite | AR | | |
| BZ006 | 22/01/2017 | 13:31:00 | Buzzard | 1 | | PB2, (Upland blanket bog) Hunting over bogland on site boundary | AR | | |
| BZ007 | 18/03/2017 | 08:59:00 | Buzzard | 1 | | WS5, (Recently felled woodland) Hunting over clear-fell | AR | | |
| BZ008 | 18/03/2017 | 11:43:00 | Buzzard | 1 | | GA1, (Improved agricultural grassland) Hunting | AR | | |
| BZ009 | 14/10/2017 | 08:50:00 | Buzzard | 1 | | PB2, (Upland blanket bog), Hunting along eastern boundary | AR | | |
| BZ0010 | 16/12/2017 | 09:37:00 | Buzzard | 1 | | WD4, (Conifer plantation) Hunting | AR | | |
| BZ0011 | 16/12/2017 | 11:54:00 | Buzzard | 1 | | WD4, (Conifer Plantation) In flight | AR | | |
| BZ0012 | 17/12/2017 | 09:22:00 | Buzzard | 1 | | Conifer Plantation, In flight | AR | | |
| BZ0013 | 17/12/2017 | 11:04:00 | Buzzard | 1 | | HH3 (Wet Heath) | AR | | |



| | Winter Walkover Surveys | | | | | | | | | |
|----------|-------------------------|----------|---------|--------------|---------|---|----------|--|--|--|
| Map Ref. | Date | Time | Species | No. of birds | Sex/age | Habitat and Activity | Surveyor | | | |
| BZ0014 | 27/01/2018 | 09:18:00 | Buzzard | 1 | | PB2, (Upland blanket bog) Hunting | AR | | | |
| BZ0015 | 27/01/2018 | 11:23:00 | Buzzard | 1 | | PB2, (Upland blanket bog) Hunting, Circling | AR | | | |
| BZ0016 | 27/01/2018 | 11:25:00 | Buzzard | 1 | | PB2, (Upland blanket bog) Hunting | AR | | | |
| BZ0017 | 28/01/2018 | 09:59:00 | Buzzard | 2 | | PB2, (Upland blanket bog) Hunting | AR | | | |
| BZ0018 | 28/01/2018 | 14:39:00 | Buzzard | 2 | | PB2, (Upland blanket bog) Hunting | AR | | | |
| BZ0019 | 05/12/2018 | 11:50:00 | Buzzard | 1 | Adult | Flying high over old nest site near Ture. 40s Band 3. | AOD | | | |
| BZ0020 | 17/01/2019 | 13:41:00 | Buzzard | 1 | | Flew from perch on site into woods at Ture. Near 2018 nest | AOD | | | |
| BZ0021 | 13/02/2019 | 13:48:00 | Buzzard | 2 | | Pair flew from WD4 north of site. Calling then flew onto site (300s Band 2-3) | AOD | | | |
| BZ0022 | 13/02/2019 | 14:50:00 | Buzzard | 1 | | Soaring over site north to SW landing on site (600s Band 3) | AOD | | | |
| BZ0023 | 14/02/2019 | 12:50:00 | Buzzard | 1 | | Adult soaring near 2018 nest site near Ture (Band 3 30s) | AOD | | | |
| BZ0024 | 14/02/2019 | 13:26:00 | Buzzard | 1 | | Adult, Likely different bird to first (40s Band 2) | AOD | | | |

| Migration Vantage Point Surveys | | | | | | | | | | |
|--|------------|--------------|---------|---|--|--|----------|--|--|--|
| Map Ref. Date VP Species No. of birds Notes on habitat and activity Comments S | | | | | | | Surveyor | | | |
| BZ001 | 27/01/2017 | Migration VP | Buzzard | 1 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | | TR | | | |
| BZ002 | 27/01/2017 | Migration VP | Buzzard | 1 | GA1, (Improved agricultural grassland) WD4, (Conifer plantation) Soaring, travelling | | TR | | | |
| No Flight Available | 28/02/2017 | Migration VP | Buzzard | 1 | GA1, (Improved agricultural grassland) WD4, (Conifer plantation) Soaring | | TR | | | |



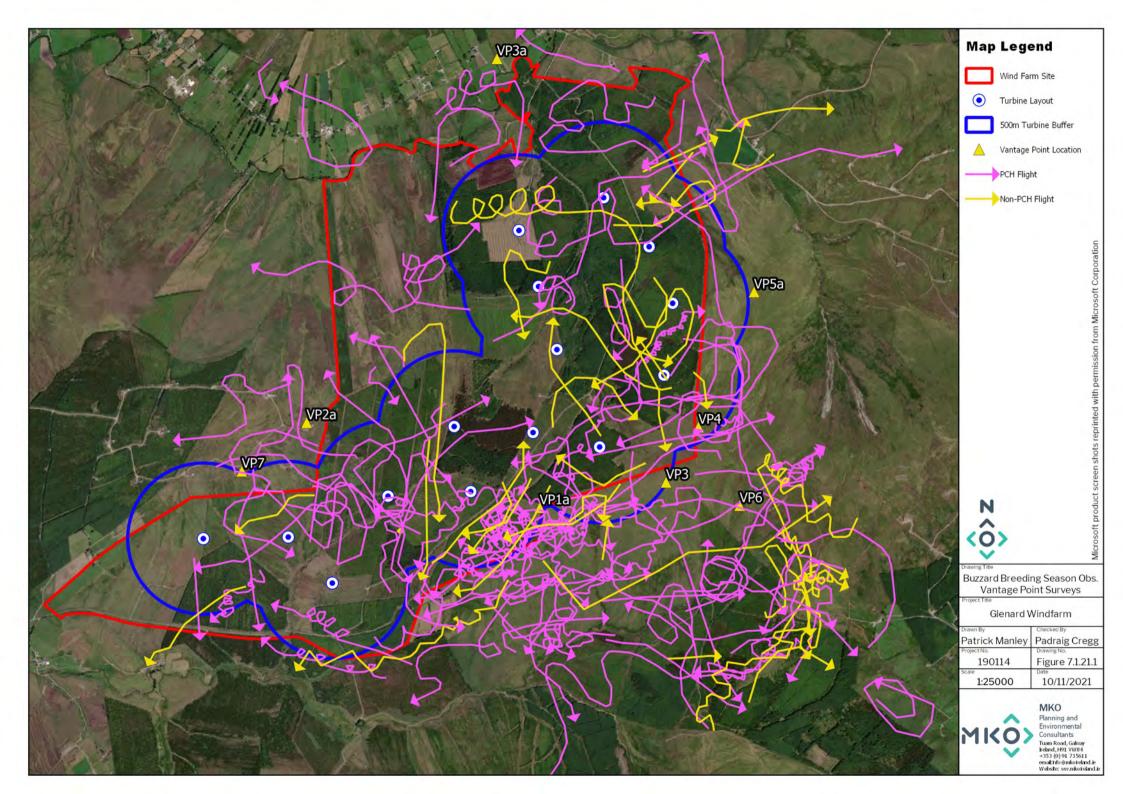
| | | | | Incidental Observations | |
|------------|--|---------|-----------------|---|----------|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor |
| 16/08/2016 | Waterbird CountLough Foyle, Culmore point, 55.047009, - 7.253809 | Buzzard | 1 | Soaring over Foyle harbour, flew west over Culmore Point out of view. | Jos |
| 09/10/2016 | VP 3 | Buzzard | 1 | Perched on tree stump Entrance to Glenard site | AR |
| 23/10/2016 | Flying over clear-fell close to site entrance | Buzzard | 1 | Hunting over clear-fell | AR |
| 29/10/2016 | Area 5 of HH survey | Buzzard | 1 | In flight | AR |
| 31/10/2016 | During winter waterfowl count | Buzzard | 1 | | AR |
| 17/11/2016 | During HH survey at Area 3 | Buzzard | 1 | Flying over Sorne Hill windfarm | AR |
| 28/11/2016 | During HH survey at Area 5 | Buzzard | 1 | Hunting over site boundary | AR |
| 04/12/2016 | VP1 | Buzzard | 1 | In flight hunting over clear-fell Glenard site entry | AR |
| 11/12/2016 | Exiting VP 2 | Buzzard | 1 | In flight over fields at the gate entrance to Sorne Hill windfarm | AR |
| 15/12/2016 | On approach to vp5 | Buzzard | 1 | In flight over forestry | AR |
| 20/12/2016 | During HH roost survey | Buzzard | 1 | In flight hunting over ground east of Glenard | AR |
| 09/01/2017 | During winter waterfowl count | Buzzard | | | AR |
| 10/01/2017 | During HH dusk survey | Buzzard | | | AR |
| 14/01/2017 | Exiting site after vp3 | Buzzard | | Perched | AR |
| 16/01/2017 | Upon arrival at site for vp4 | Buzzard | | Perched on a tree stump | AR |
| 23/01/2017 | During HH dusk survey | Buzzard | | Flying south over site | AR |
| 26/01/2017 | On approach to VP6 | Buzzard | | In flight hunting | AR |
| 27/01/2017 | During winter waterfowl count | Buzzard | | | AR |
| 04/03/2017 | On route to VP1 | Buzzard | | On forest track feeding on frogs | AR |
| 11/03/2017 | Entering site for vp3 | Buzzard | | In flight over forestry | AR |
| 12/03/2017 | During HH roost survey | Buzzard | | Flying west over forestry | AR |
| 20/03/2017 | During HH roost survey | Buzzard | 2 | In flight east over site | AR |
| 24/03/2017 | During HH roost survey | Buzzard | 1 | Flying west over HH VP. | AR |

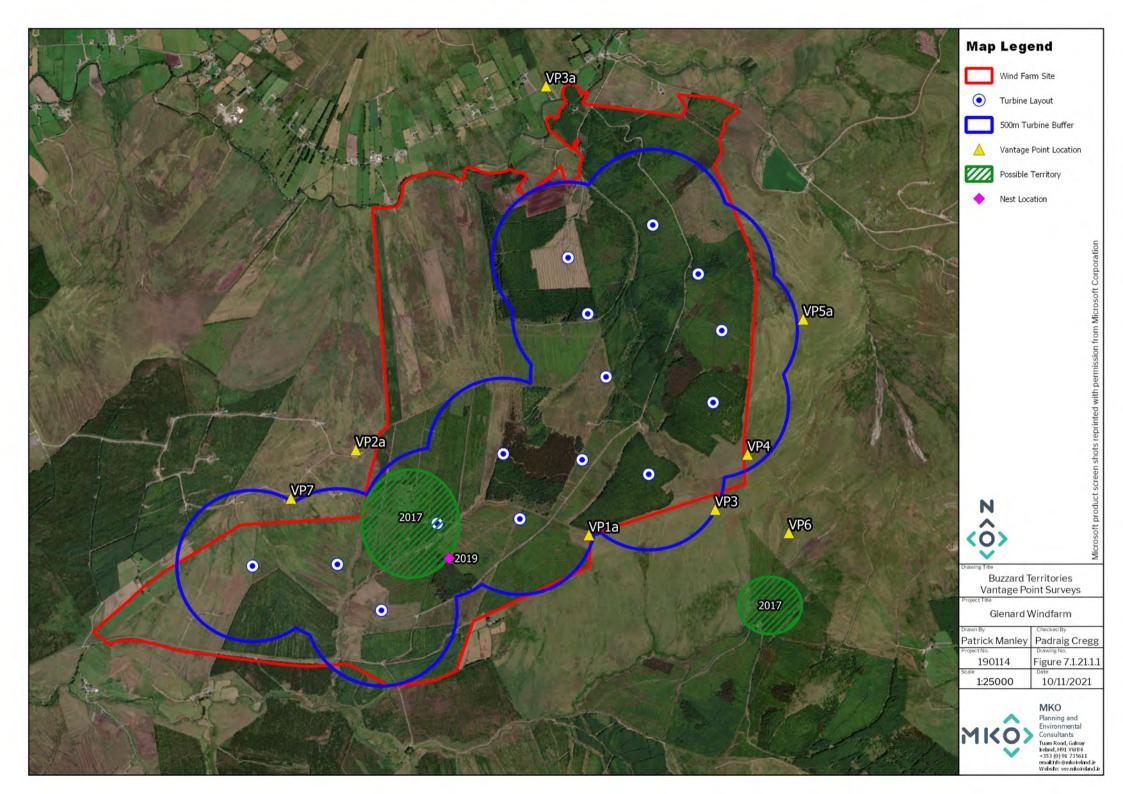


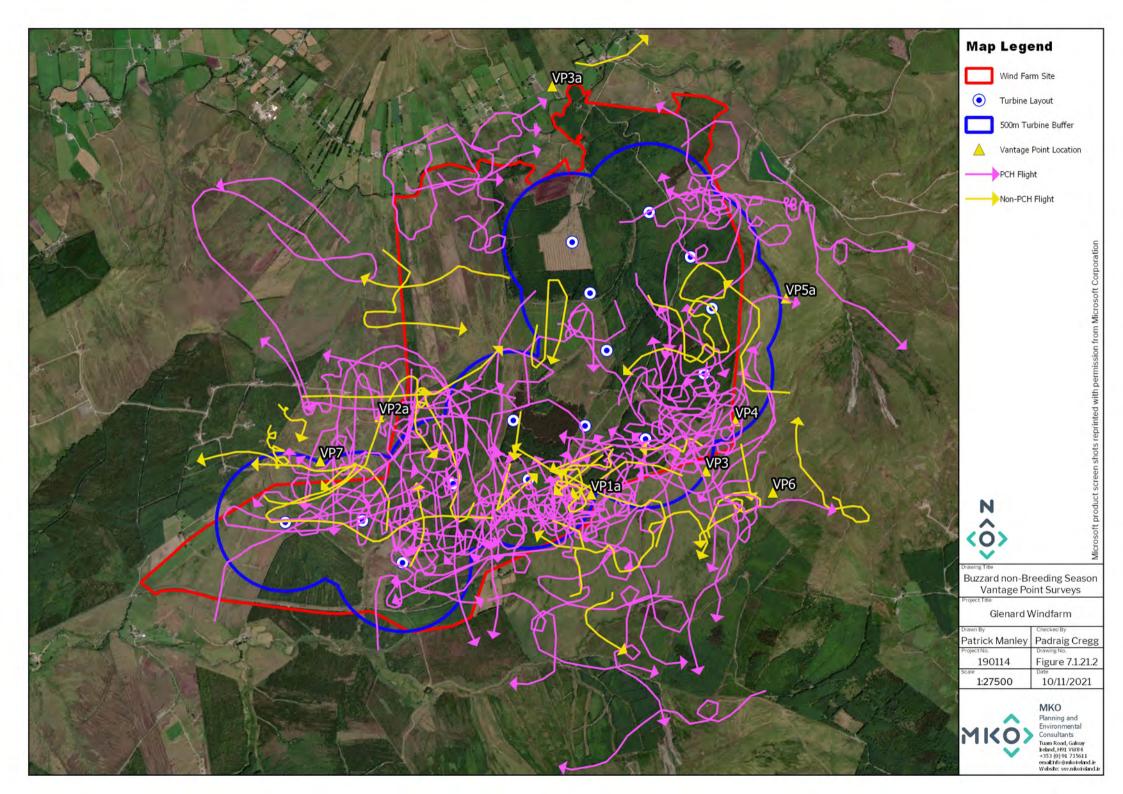
| | | | | Incidental Observations | |
|------------|-------------------------|---------|-----------------|--|----------|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor |
| 29/03/2017 | On route to VP4 | Buzzard | 1 | Flying over site boundary | AR |
| 05/05/2017 | During waterfowl survey | Buzzard | | | AR |
| 14/06/2017 | Vantage Point Survey | Buzzard | 1 | BZ noted foraging about 2km to east, airborne, S of wind turbines. Off site, so not timed or followed continuously | ND |
| 12/08/2017 | On route to vp 2 | Buzzard | | Adult in flight. | AR |
| 17/08/2017 | On route to vp 1 | Buzzard | | One adult hunting outside site entrance | AR |
| 05/10/2017 | HH Roost Survey | Buzzard | 1 | Hunting | AR |
| 09/10/2017 | HH Roost Survey | Buzzard | 2 | In flight | AR |
| 13/10/2017 | HH Roost Survey | Buzzard | 1 | In flight | AR |
| 13/10/2017 | HH Roost Survey | Buzzard | | No HH Activity. BZ in flight offsite, snipe flushed | AR |
| 21/10/2017 | HH Roost Survey | Buzzard | | No HH Activity, BZ hunting over Glenard forest | AR |
| 03/11/2017 | Glenard | Buzzard | 1 | In flight | AR |
| 10/11/2017 | HH Roost Survey | Buzzard | 2 | 2 Buzzards observed hunting offsite at 14:20 | AR |
| 11/11/2017 | On route to vp4 | Buzzard | 1 | Hunting onsite at 10:52 | AR |
| 19/11/2017 | Waterfowl survey | Buzzard | | Hunting | AR |
| 24/11/2017 | HH Roost Survey | Buzzard | 1 | In flight | AR |
| 30/11/2017 | HH Roost Survey | Buzzard | 1 | In flight | AR |
| 03/12/2017 | HH Roost Survey | Buzzard | 3 | | AR |
| 04/12/2017 | HH Roost Survey | Buzzard | 1 | | AR |
| 15/12/2017 | HH Roost Survey | Buzzard | 2 | | AR |
| 22/12/2017 | Waterfowl Survey | Buzzard | 1 | | AR |
| 02/01/2018 | During waterfowl count | Buzzard | | | AR |
| 13/01/2018 | During HH roost survey | Buzzard | | | AR |
| 21/01/2018 | During waterfowl count | Buzzard | | | AR |
| 21/02/2018 | HH Roost | Buzzard | 1 | mobbed by k | KB |

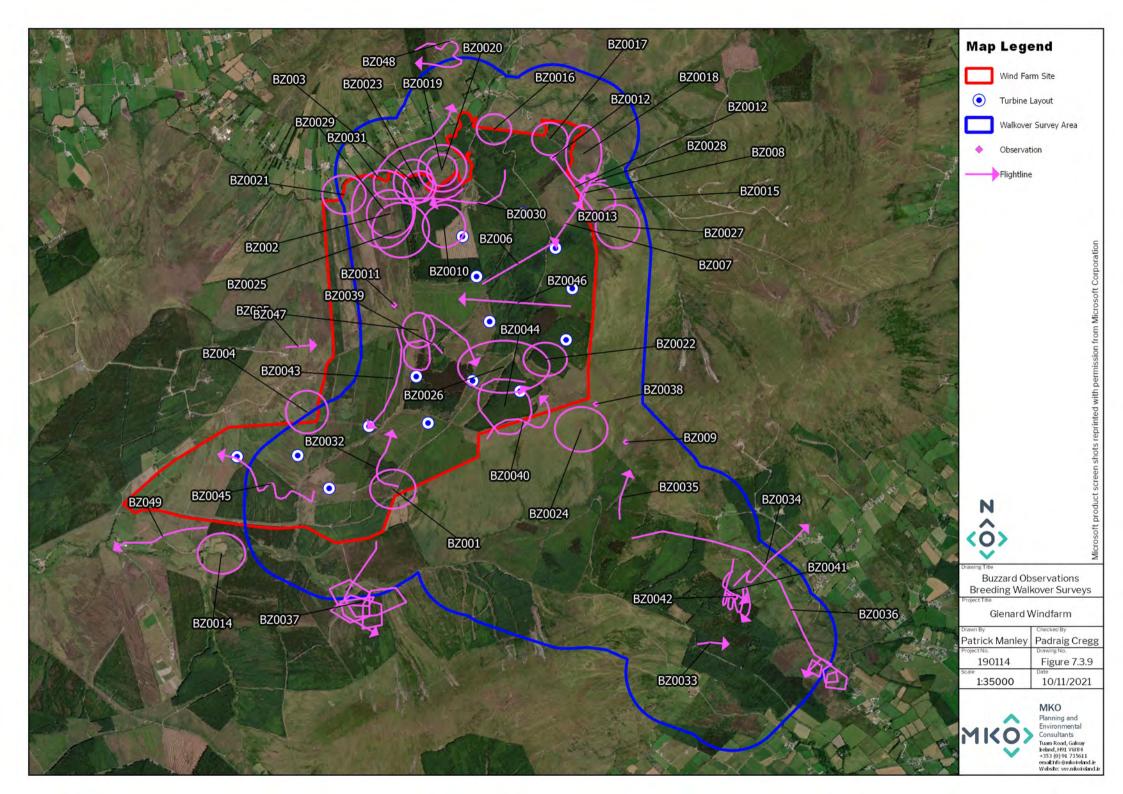


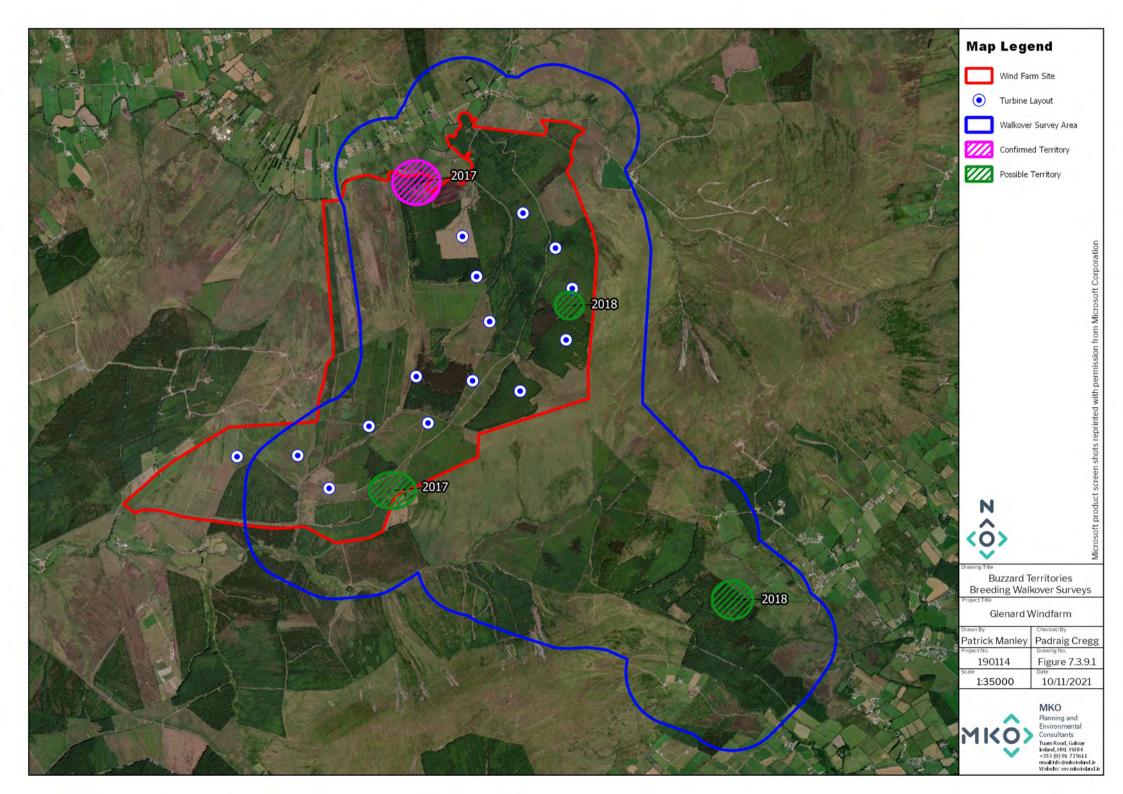
| | | | | Incidental Observations | |
|------------|---|---------|-----------------|--|----------|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor |
| 04/03/2018 | Waterfowl Survey | Buzzard | | | AR |
| 15/03/2018 | HH Roost | Buzzard | 1 | In flight over site | AR |
| 23/03/2018 | HH Roost | Buzzard | 1 | | AR |
| 24/03/2018 | Waterfowl Survey | Buzzard | | | AR |
| 08/10/2018 | HH VP1 | Buzzard | 1 | In flight in site heading north | AR |
| 21/10/2018 | HH VP2 | Buzzard | 1 | Hunting | AR |
| 28/10/2018 | HHVP3 | Buzzard | 1 | Flying west over site | AR |
| 06/12/2018 | HHVP5 | Buzzard | 1 | Perched on post for 20s then mobbed by HC | AOD |
| 25/01/2019 | VP4 | Buzzard | 1 | Calling near VP at 13:42 unseen | AOD |
| 06/02/2019 | HHVP7 | Buzzard | 1 | Flying | AOD |
| 20/02/2019 | HHVP | Buzzard | 1 | Near 2018 nest at Ture | AOD |
| 22/02/2019 | Red Grouse Survey T2 | Buzzard | 1 | | JC |
| 22/02/2019 | Waterfowl Survey at Crana River on site | Buzzard | 1 | Flying | AOD |
| 23/02/2019 | Red Grouse Survey T3 | Buzzard | 1 | | JC |
| 14/03/2019 | HHVP6 | Buzzard | 1 | Flew same line towards north half of site band2 | AOD |
| 26/03/2019 | VP3 | Buzzard | 1 | Calling near VP 8:03 | AOD |
| 28/03/2019 | VP6 | Buzzard | 2 | Calling from wd4 7:45 | AOD |
| 19/04/2019 | VP Survey VP1 | Buzzard | 1 | outside the VP watch zone in 1km sq. C4530. The buzzard was foraging by hovering for an extended period, but I was unable to time this or map this accurately or map it whilst continuing to observe in the correct direction. | ND |
| 20/07/2019 | VP Survey | BZ | 1 | Preening at 55.144 7219, -7.2992845 on leaving site at 15:05 | JB |
| 23/07/2019 | VP Survey | BZ | 1 | over Illies Hill 15:54 outside of survey area | JB |
| 13/09/2019 | VP2 Entry to Sorne windfarm | Buzzard | 1 | Leaving Roost at Dawn | JK |
| 28/01/2021 | HH Roost; HHVP3 | Buzzard | 2 | GA, (Improved grassland); Pair soaring together | MM |
| 05/03/2021 | HH Roost; HHVP1 | Buzzard | 1 | WD4, (Conifer plantation) PB1, (Raised bog) Travelling. Male | MM |

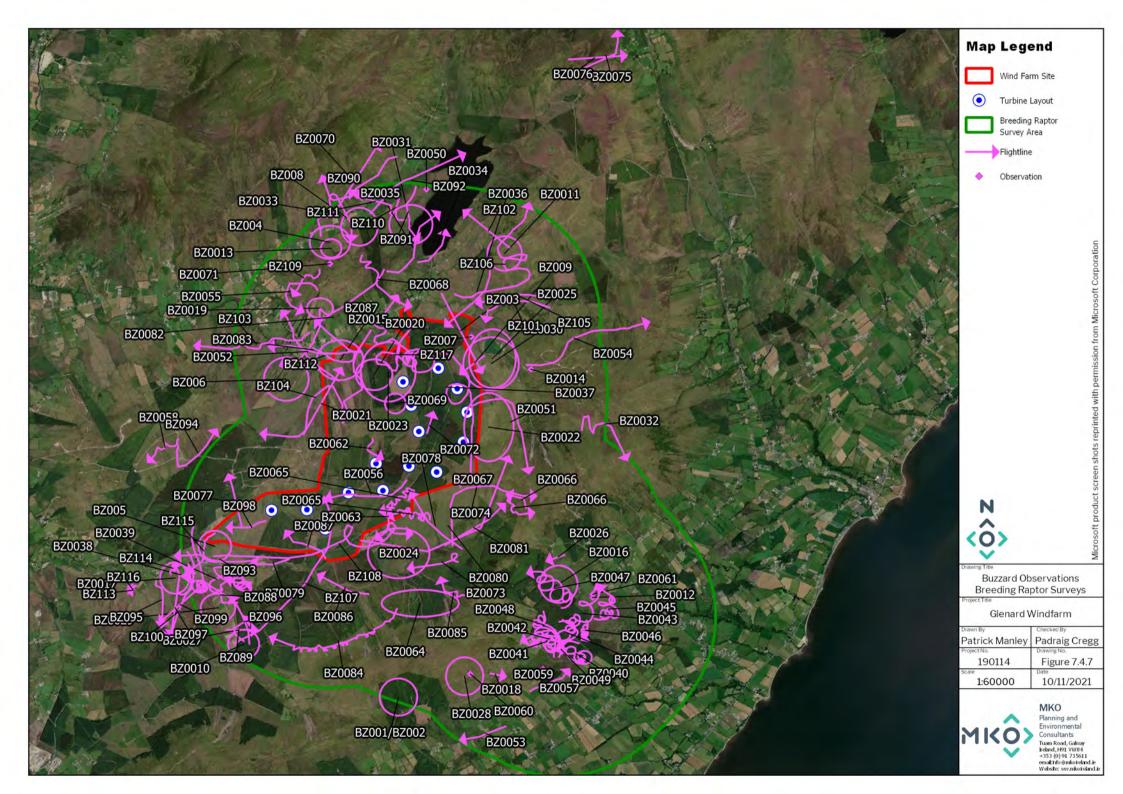


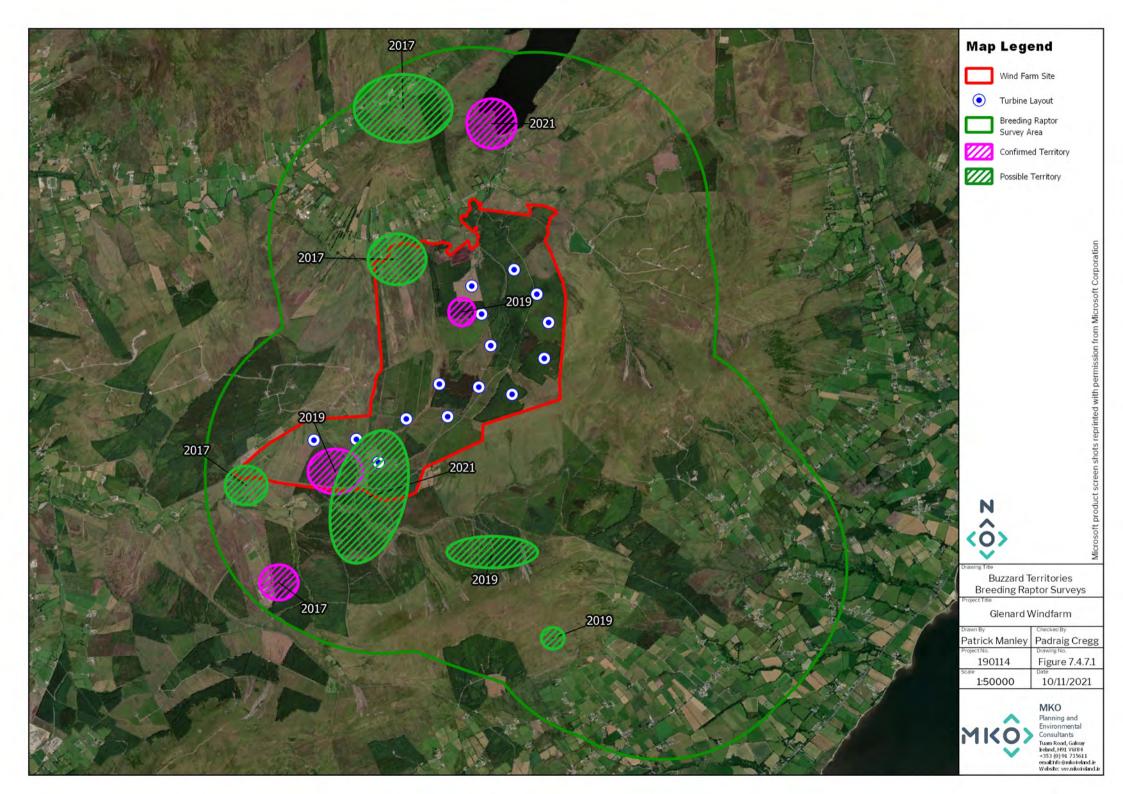


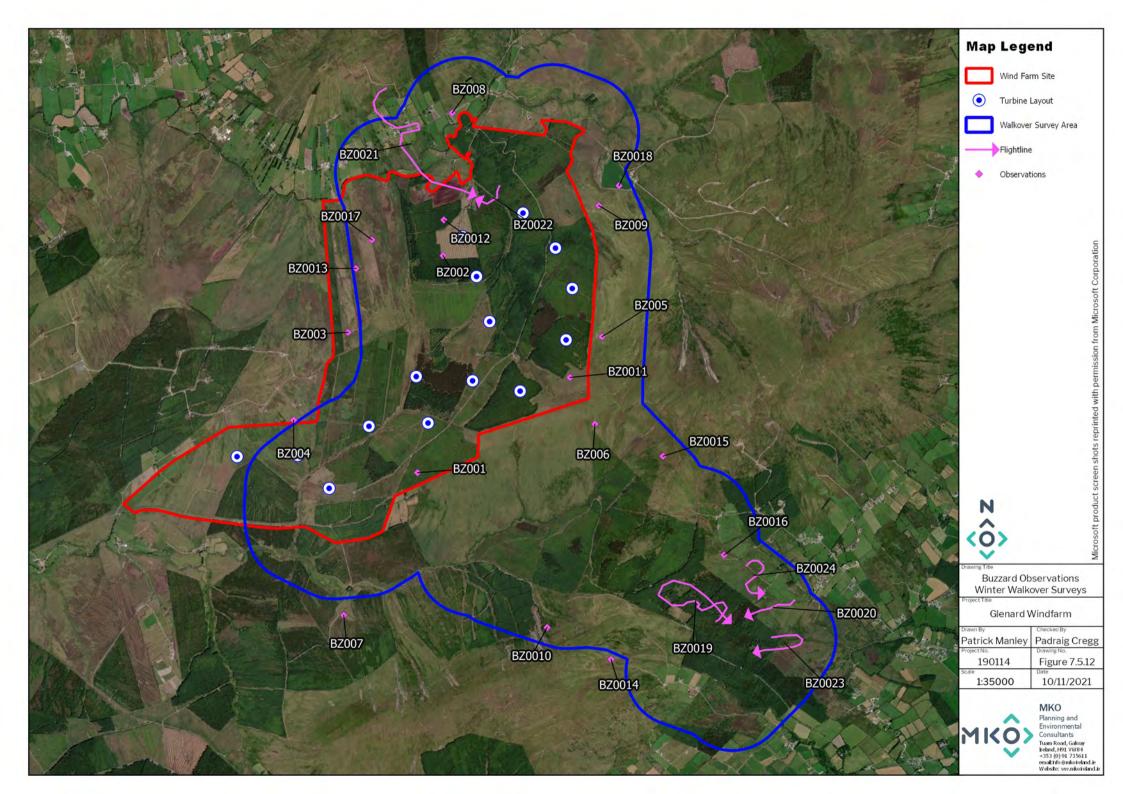


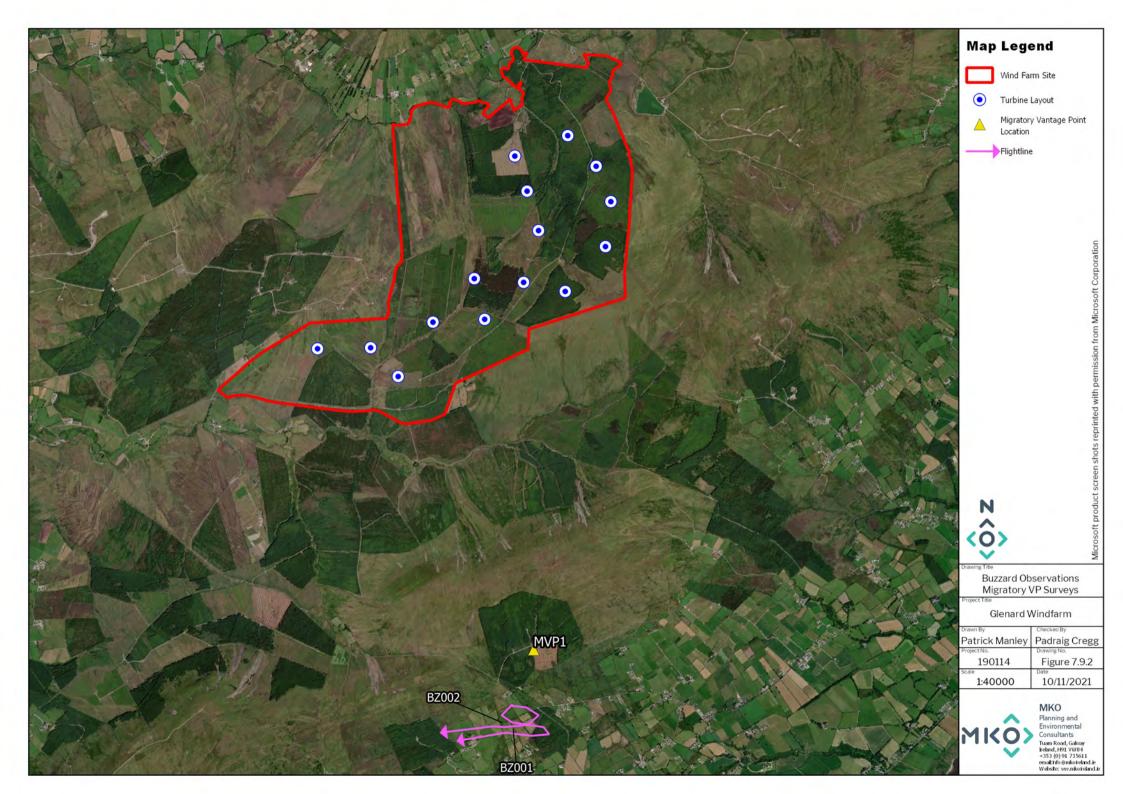












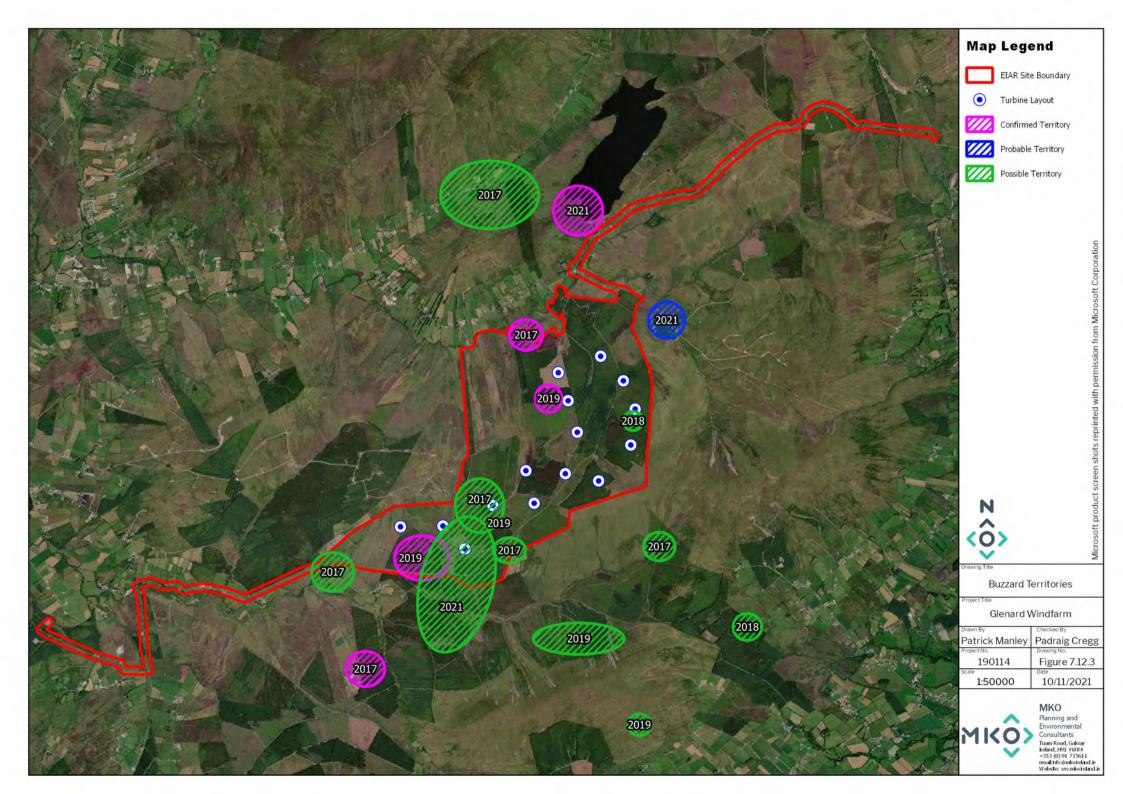




Table 26 Sparrowhawk Survey Data

| | | | | | | 1 | Vantag | e Point | Surveys | | | |
|-------------|------------|------|-------------|--------------------|----------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| SH001 | 23/09/2016 | VP2a | Sparrowhawk | 1 | 09:40:00 | 9 | 9 | | | WD4, (Conifer plantation) Hunting | Hunting low over young second rotation forestry | НН |
| SH002 | 08/10/2016 | VP1a | Sparrowhawk | 1 | 08:52:00 | 31 | 31 | 0 | 0 | WD4, (Conifer plantation) Flying between inspection track | | AR |
| SH003 | 15/10/2016 | VP5a | Sparrowhawk | 1 | 10:11:00 | 55 | 0 | 55 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Flying over site at PCH | | AR |
| SH004 | 05/11/2016 | VP1a | Sparrowhawk | 1 | 16:05:00 | 40 | 40 | 0 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Female hunting over sparse forestry | AR |
| SH005 | 22/11/2016 | VP2a | Sparrowhawk | 1 | 15:31:00 | 22 | 17 | 5 | 0 | WD4, (Conifer plantation) HH3, (Wet heath) Hunting | Observed hunting, flying straight along site boundary | AR |
| SH006 | 04/12/2016 | VP1a | Sparrowhawk | 1 | 10:02:00 | 21 | 13 | 8 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting along forest edge | Female hunting along forestry edge, perching on tree stump | AR |
| SH0022 | 05/03/2017 | VP5 | Sparrowhawk | 1 | 14:31:00 | 11 | 4 | 7 | 0 | WD4, (Conifer plantation) Hunting | In flight hunting GT. Flew into dense tree cover. | AR |
| SH007 | 31/03/2017 | VP6 | Sparrowhawk | 1 | 16:55:00 | 62 | 32 | 30 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting | Male hunting along young spruce after GT, MP. | AR |
| SH008 | 09/09/2017 | VP2a | Sparrowhawk | 1 | 18:15:00 | 32 | 23 | 9 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) In flight | Adult male in flight along forestry edge. Flew up over trees entering PCH. | AR |
| SH009 | 18/11/2017 | VP5a | Sparrowhawk | 1 | 15:30:00 | 32 | 32 | | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting | Male in flight along treeline low to the ground. Flying up and over trees out of sight. | AR |



| | | | | | | , | Vantag | e Point | Surveys | | | |
|-------------|------------|------|-------------|--------------------|----------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--------------------------|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| SH0010 | 30/11/2017 | VP3 | Sparrowhawk | 1 | 16:11:00 | 25 | 25 | | | WD4, (Conifer plantation) Adult male flying over treetops | Adult male | AOD |
| SH0011 | 20/01/2018 | VP1a | Sparrowhawk | 1 | 14:30:00 | 40 | 0 | 40 | 0 | WD4, (Conifer plantation) PB2, (Upland blanket bog) In flight | In flight SW within PCH. | AR |
| SH0012 | 21/03/2018 | VP3 | Sparrowhawk | 1 | 14:53:00 | 47 | 10 | 37 | 0 | PB2, (Upland blanket bog) WD4, (Conifer plantation) Flew SW, initially at 20-30m in level flight but increased relative to the as it sloped off | Adult female | RW |
| SH0013 | 27/06/2018 | VP6 | Sparrowhawk | 1 | 11:51:00 | 2 | 2 | | | WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting low | | AOD |
| SH0014 | 28/06/2018 | VP1a | Sparrowhawk | 1 | 13:44:00 | 5 | 5 | | | WD4, (Conifer plantation) Female flying between wd4 | | AOD |
| SH0015 | 10/07/2018 | VP3 | Sparrowhawk | 1 | 10:52:00 | 5 | 5 | | | PB2, (Upland blanket bog) WD4, (Conifer plantation) Spotted flying fast low to ground towards and into forest 200m W of VP3 | | ND |
| SH0016 | 21/08/2018 | VP2a | Sparrowhawk | 1 | 10:56:00 | 80 | 80 | | | WD4, (Conifer plantation) Hunting flock of MP | | AOD |
| SH0017 | 13/09/2018 | VP2a | Sparrowhawk | 2 | 08:06:00 | 1200 | 1200 | | | WD4, (Conifer plantation) 2 young SH chasing flock of jays with no success for long time | | AOD |
| SH0018 | 13/09/2018 | VP2a | Sparrowhawk | 2 | 11:55:00 | 200 | 200 | | | WD4, (Conifer plantation) Same behaviour 2 SH repeatedly chasing flock of 13 jays | | AOD |
| SH0019 | 20/09/2018 | VP4 | Sparrowhawk | 1 | 10:15:00 | 10 | | | | PB2, (Upland blanket bog) GS4, (Wet grassland) Hunting | | AOD |
| SH0020 | 20/09/2018 | VP4 | Sparrowhawk | 1 | 11:04:00 | 15 | 15 | | | PB2, (Upland blanket bog) Caught prey and flew to perch | | AOD |
| SH0021 | 21/09/2018 | VP3 | Sparrowhawk | 1 | 07:48:00 | 10 | 10 | | | PB2, (Upland blanket bog) GS4, (Wet grassland) Hunting | | AOD |



| | | | | | | 7 | Vantag | e Point | Surveys | | | |
|-------------|------------|------|-------------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|---|--|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| SH0023 | 20/10/2018 | VP6 | Sparrowhawk | 1 | 14:02:00 | 44 | 44 | 0 | 0 | WD4, (Conifer plantation) Hunting | Flying low over plantation south. Male. Mobbed by HC | AR |
| SH0024 | 29/11/2018 | VP3 | Sparrowhawk | 1 | 09:09:00 | 150 | 100 | | | WD4, (Conifer plantation) Soaring over wd4 mobbed by 2 ravens | | AOD |
| SH0025 | 20/12/2018 | VP2 | Sparrowhawk | 1 | 13:52:00 | 5 | 5 | | | HH4, (Montane heath) WD4, (Conifer plantation) Male hunting snipe low pursuit | | AOD |
| SH0026 | 15/01/2019 | VP2 | Sparrowhawk | 1 | 15:58:00 | 10 | 10 | | | WD4, (Conifer plantation) HH4, (Montane heath) Hunting low | | AOD |
| SH0027 | 25/02/2019 | VP1 | Sparrowhawk | 1 | 17:44:00 | 3 | 3 | | | WD4, (Conifer plantation) Foraging over trees | Adult female | AOD |
| SH0028 | 26/03/2019 | VP3 | Sparrowhawk | 1 | 09:26:00 | 2 | 2 | | | WD4, (Conifer plantation) Flying low | Female adult | AOD |
| SH0029 | 28/03/2019 | VP6 | Sparrowhawk | 1 | 07:27:00 | 12 | 5 | | | WD4, (Conifer plantation) GS4, (Wet grassland) Hunting same flock of MP | Adult female | AOD |
| SH0030 | 10/04/2019 | VP1a | Sparrowhawk | 2 | 09:14:00 | 188 | | 188 | | PB3, (Lowland blanket bog) WD4, (Conifer plantation) HH3, (Wet heath) Two SH females circling in a mutual spiral 700m SW of VPO. Climbing high- aggression with dives by one on the other. Territorial defines by one female. End in fast flight chase of one after the other in W/NW direction and away out of view, over forestry edge. | Female | ND |
| SH0031 | 19/04/2019 | VP1a | Sparrowhawk | 1 | 19:43:00 | 280 | | 280 | | PB2, (Upland blanket bog) WD4, (Conifer plantation) flew east, beats and glides at 25m plus travelling. Then circled to north. | | ND |
| SH0032 | 28/06/2019 | VP6 | Sparrowhawk | 1 | 13:22:00 | 62 | | 62 | | WD4, (Conifer plantation) PB2, (Upland blanket bog) HH3, (Wet | Flew from direction of Crocknanure Forest, | ND |



| | | | | | | , | Vantag | e Point | Surveys | | | |
|-------------|------------|-----|-------------|--------------------|-------------------|------------------------------|-----------------------|-------------------------|--------------------------|--|---|----------|
| Map Ref. | Date | VP | Species | No. of Birds | Time of flight | Duration of flight (s) | Band 1 (0- 25m) | Band 2 (25- 175m) | Band 3 PCH (175m+) | Notes on habitat and activity | Comments | Surveyor |
| | | | | | | | | | | heath) Flew from direction of Crocknanure forest, slow at first then travelled on north and to west, possibly hunting. Likely breeding and nest at Crocknanure | slow at first then travelled on north and to west, possibly hunting. Likely breeding and nest at Crocknanure | |
| SH0033 | 23/07/2019 | VP5 | Sparrowhawk | 1 | 10:43:00 | 54 | 12 | 42 | | PB2, (Upland blanket bog) WD4, (Conifer plantation) GA1, (Improved agricultural grassland) Travelling | Female or juv. | ЈВ |
| SH0034 | 15/08/2019 | VP6 | Sparrowhawk | 1 | 11:25:00 | 40 | 40 | | | WD4, (Conifer plantation) GS4, (Wet grassland) hunting | | JK |
| SH0035 | 21/08/2019 | VP4 | Sparrowhawk | 1 | 18:40:00 | 3 | 3 | | | WD4, (Conifer plantation) Hunting | | JK |
| SH0036 | 22/08/2019 | VP3 | Sparrowhawk | 2 | 18:02:00 | 120 | 120 | | | WD4, (Conifer plantation) Play- fighting & mock hunting Ravens. | | JK |
| SH0037 | 22/08/2019 | VP3 | Sparrowhawk | 1 | 20:47:00 | 25 | 25 | | | WD4, (Conifer plantation) Travelling. | | JK |
| SH0038 | 13/09/2019 | VP2 | Sparrowhawk | 1 | 10:45:00 | 15 | 15 | | | WD4, (Conifer plantation) Hunting MP's | AD/F | JK |

| | Vantage Point Surveys 2021 | | | | | | | | | | | |
|----------|----------------------------|------------|-------|-------------|--------|---------------------------|-------------------|--------------------|-------------------|-------------------|--|----------|
| Map Ref. | VP | Date | Time | Species | Number | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and activity | Surveyor |
| SH039 | VP2 | 09/02/2021 | 13:15 | Sparrowhawk | 1 | 40 | 40 | | | | raised bog; travelling, male | MM |
| SH040 | VP3 | 11/02/2021 | 14:03 | Sparrowhawk | 1 | 19 | 19 | | | | conifer plantation and raised bog; travelling low and fast into plantation, male | DM |
| SH041 | VP5 | 18/02/2021 | 14:21 | Sparrowhawk | 1 | 236 | | 184 | 52 | | conifer plantation and raised bog; circling mobbed by HC, female | DM |



| | | | | | | Vantage 2 | Point Su | rveys 202 | 1 | | | |
|----------|-----|------------|-------|-------------|--------|------------------------|----------------|--------------------|-------------------|----------------|--|----------|
| Map Ref. | VP | Date | Time | Species | Number | Duration of flight (s) | Band 1 (0-10m) | Band 2 (10-25m) | PCH (25- 175m) | Band 4 (>175m) | Habitat and activity | Surveyor |
| H042 | VP5 | 04/03/2021 | 15:19 | Sparrowhawk | 1 | 209 | | | 209 | | raised bog and conifer plantation; circling, mobbed HY m, female | DM |
| SH043 | VP6 | 08/03/2021 | 15:10 | Sparrowhawk | 1 | 134 | | 12 | 122 | | raised bog; circling at circa 70m, female | DM |
| SH044 | VP6 | 15/05/2021 | 10:29 | Sparrowhawk | 1 | 29 | 29 | 0 | 0 | 0 | bogs and conifer plantation; flying | DM |
| SH045 | VP5 | 24/05/2021 | 10:26 | Sparrowhawk | 1 | 66 | 0 | 66 | 0 | 0 | conifer plantation; female circling over forestry | DM |
| SH046 | VP3 | 29/05/2021 | 09:41 | Sparrowhawk | 1 | 28 | 28 | 0 | 0 | 0 | improved agricultural grassland and conifer plantation; flying low and fast, male | DM |
| SH047 | VP3 | 11/06/2021 | 10:32 | Sparrowhawk | 1 | 243 | 0 | 37 | 206 | 0 | conifer plantation; circling, male | DM |
| SH048 | VP2 | 13/06/2021 | 11:50 | Sparrowhawk | 2 | 210 | 0 | 0 | 210 | 0 | bogs; soaring, hunting | MM |
| SH049 | VP3 | 13/07/2021 | 10:19 | Sparrowhawk | 1 | 69 | 0 | 8 | 61 | 0 | conifer plantation; circling, female | DM |
| SH050 | VP3 | 30/08/2021 | 11:04 | Sparrowhawk | 1 | 16 | 16 | 0 | 0 | 0 | improved agricultural grassland; hunting, juv female hunting | DM |
| SH051 | VP7 | 25/09/2021 | 15:35 | Sparrowhawk | 1 | 300 | 0 | 0 | 300 | 0 | | MM |
| SH052 | VP3 | 28/09/2021 | 14:15 | Sparrowhawk | 1 | 45 | 45 | 0 | 0 | 0 | bogs and conifer plantation; flew near river mobbed by 2 HC | MM |
| SH053 | VP3 | 28/09/2021 | 17:45 | Sparrowhawk | 1 | 40 | 40 | 0 | 0 | 0 | improved agricultural grassland; flew low and fast over field, starling and thrushes scatter in fear | MM |
| SH054 | VP3 | 28/09/2021 | 19:05 | Sparrowhawk | 1 | 50 | 30 | 20 | 0 | 0 | bogs and improved agricultural grassland; flew across road and landed on a tree, mobbed by 2 HC | MM |
| SH055 | VP3 | 28/09/2021 | 19:35 | Sparrowhawk | 1 | 120 | 0 | 120 | 0 | 0 | bogs and conifer plantation; flew over forest | MM |
| SH056 | VP1 | 30/09/2021 | 17:40 | Sparrowhawk | 1 | 11 | 11 | 0 | 0 | 0 | conifer plantation; travelling, ad female past VP in s direction | DM |



| | | | | | Breeding Walkover Surveys | | |
|-----------------|----------------|----------|-------------|-----------------|---|---|----------|
| Map Ref. No. | Survey Date | Time | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| SH001 | 09/04/2017 | 09:41 | Sparrowhawk | 1 | WD4, (Conifer plantation) Displaying | Courtship and display; Probable breeding | AR |
| SH002 | 09/04/2017 | 15:11 | Sparrowhawk | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| SH003 | 15/04/2017 | 11:49 | Sparrowhawk | 1 | WD4, (Conifer plantation) Hunting | Suitable nesting habitat; Possible breeder | AR |
| SH004 | 29/04/2017 | 13:30 | Sparrowhawk | 1 | WD4, (Conifer plantation) Carrying nest material | Nest building or excavating nest hole; Probable breeding | AR |
| SH005 | 29/04/2017 | 10:59 | Sparrowhawk | 1 | WD4, (Conifer plantation) Perched | Suitable nesting habitat; Possible breeder | AR |
| SH006 | 06/05/2017 | 11:55 | Sparrowhawk | 1 | WD4, (Conifer plantation) Carrying prey | Suitable nesting habitat; Possible breeder | AR |
| SH0020 | 13/05/2017 | 10:59 | Sparrowhawk | 1 | WD4, (Conifer plantation) Perched | Suitable nesting habitat; Possible breeder | AR |
| SH007 | 20/05/2017 | 08:15 | Sparrowhawk | 1 | WD4, (Conifer plantation) Perched | Suitable nesting habitat; Possible breeder | AR |
| SH008 | 24/06/2017 | 10:45 | Sparrowhawk | 1 | WS5, (Recently felled woodland) Hunting | Suitable nesting habitat; Possible breeder | AR |
| SH009 | 24/06/2017 | 10:48 | Sparrowhawk | 1 | WD4, (Conifer plantation) Calling | Suitable nesting habitat; Possible breeder | AR |
| SN0010 | 07/07/2017 | 12:20 | Sparrowhawk | 1 | WD4, (Conifer plantation) Perched | Recently fledged young/downy young; Confirmed breeding | AR |
| SN0011 | 29/07/2017 | 17:01 | Sparrowhawk | 1 | WD4, (Conifer plantation) Perched | Recently fledged young/downy young; Confirmed breeding | AR |
| SH0012 | 05/04/2018 | 14:50:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) soaring over WD4 | Male | AOD |
| SH0013 | 07/04/2018 | 14:31:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) Female flying through WD4 just above treetops | Female flying through WD4 above trees | AOD |
| SH0014 | 07/04/2018 | 15:50:00 | Sparrowhawk | 1 | Male hunting low over grassland | male hunting low | AOD |
| SH0015 | 20/06/2018 | 13:20:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) Female flushed from WD4 | | AOD |
| SH0016 | 21/06/2018 | 18:00:00 | Sparrowhawk | 1 | Male flying low through trees on site | | AOD |
| SH0017 | 28/06/2018 | 12:02:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) Male flying over treetops then mobbing a perched buzzard | | AOD |
| SH0018 | 28/06/2018 | 15:06:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) Flying low on site. Hunting | | AOD |
| SH0019 | 20/07/2018 | 14:49:00 | Sparrowhawk | | WD4, (Conifer plantation) Adult and juvenile(s) heard in begging calls from Conifers. | Confirmed Breeding/ Nest Site | AOD |



| | | | | | Breeding Raptor Surveys | | |
|------------------|----------------|---------------------|-------------|--------------------|---|---|----------|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| SH001 | 14/04/2017 | 08:21:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) Perched | Courtship and display; Probable breeding | AR |
| SH002 | 16/04/2017 | 09:59:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) Perched | Suitable nesting habitat; Possible breeder | AR |
| SH003 | 14/05/2017 | 13:35:00 | Sparrowhawk | 1 | WS5, (Recently felled woodland) Perched | Suitable nesting habitat; Possible breeder | AR |
| SH004 | 18/06/2017 | 11:40:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) Calling | nest with young seen or heard; Confirmed breeding | AR |
| SH005 | 25/06/2017 | 13:40:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) Aggressive behaviour | Agitated behaviour or anxiety calls; Probable breeding | AR |
| SH006 | 22/07/2017 | 10:36:00 | Sparrowhawk | 2 | WD4, (Conifer plantation) Aggressive behaviour | nest with young seen or heard; Confirmed breeding | AR |
| SH007 | 22/05/2018 | 15:01:00 | Sparrowhawk | 1 | PB, (Bogs) WD4, (Conifer plantation) | In flight. | JOS |
| SH008 | 10/07/2018 | 12:55:00 | Sparrowhawk | 1 | PB2, (Upland blanket bog) Female hunting N. side of reservoir | | AOD |
| SH009 | 12/07/2018 | 09:12:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) Adult female flying over wd4 carrying food | Near 2017 nest site but no nest found | AOD |
| SH0010 | 17/07/2018 | 14:36:00 | Sparrowhawk | 1 | PB2, (Upland blanket bog) Adult female hunting starling flock west of site. | | AOD |
| SH0011 | 17/04/2019 | 14:50:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) HH3, (Wet heath) HH1, (Dry siliceous heath) Female. High, flight, soaring, territorial | Ture and SE Crackanure (C4728) | JB |
| SH0012 | 25/04/2019 | 10:55:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) HH3, (Wet heath) Sparrowhawk Female flew along forest edge and into forest | possible SH breeding site | JB |
| SH0013 | 01/05/2019 | 10:48:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) HH3, (Wet heath) Sparrowhawk flew across gap, carrying food item | indication of breeding nearby | JB |
| SH0014 | 12/05/2019 | 13:05:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) Flying carrying food: Female Sparrowhawk flew 30m above ground, over immature, then high forest, carrying food item, first direct in NE direction, then irregular circling while moving NE, finally flew around in a SE direction in decent within high canopy, out of view. Indicates nest in breeding territory | breeding territory breeding site | ND |
| SH0018 (NEST) | 25/07/2019 | | Sparrowhawk | | 4 probable SH nests 10/15m apart. One with MG feathers below it. Feathers were not fresh. There was a small amount | 4 probable SH nests 10/15m apart. One with MG feathers below it. Feathers were not fresh. | ЈВ |



| | | | | | Breeding Raptor Surveys | | |
|-----------------|----------------|---------------------|-------------|--------------------|--|--|----------|
| Map Ref. No. | Survey Date | Time of observation | Species | No. of birds | Habitat and Activity | Comments | Surveyor |
| | | | | | of wash near the feathers but not close enough for the nest to be currently in use. Very early breeders or failed nesting attempt | There was a small amount of wash near the feathers but not close enough for the nest to be currently in use. Very early breeders or failed nesting attempt | |
| SH0019 | 27/07/2019 | 11:24:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) circling over forest on Crockanure, ascending and soaring to 150m over ground (3mins) before making long direct glide and descent northward to hunt along forest edge | SH breeding site in this area | ND |
| SH0015 | 31/07/2019 | 14:58:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) female SH seen in circling flight 20m high at breeding site. Disturbed by a remote-controlled survey plane. | An un-maned remote-control survey plane | ЈВ |
| SH0016 | 31/07/2019 | 15:18:00 | Sparrowhawk | 1 | WD4, (Conifer plantation) male SH flew over WD4 6m high carrying prey / food to breeding site area. | male SH flew over WD4 6m high carrying prey / food to breeding site area. | JB |
| SH0017 | 31/07/2019 | 15:40:00 | Sparrowhawk | 2 | WD4, (Conifer plantation) begging calls from two juvs heard from conifer forest | begging calls from two juvs heard from conifer forest | JB |
| SH018 | 22/04/2021 | 07:45 | Sparrowhawk | 1 | cutover bog, hunting, male SH attacked MP but missed it | | MM |
| SH019 | 22/04/2021 | 10:25 | Sparrowhawk | 1 | cutover bog, soaring over site | | MM |
| SH020 | 22/04/2021 | 11:45 | Sparrowhawk | 1 | conifer plantation, soaring over forest | | MM |
| SH021 | 28/04/2021 | 09:50 | Sparrowhawk | 1 | reservoirs, soaring, mobbed by 5 MP | | MM |
| SH022 | 28/04/2021 | 11:45 | Sparrowhawk | 1 | amenity grassland (improved), mobbed by HC over the hill | | MM |
| SH023 | 28/04/2021 | 14:25 | Sparrowhawk | 1 | reservoirs, mobbed by HC, soaring | | MM |
| SH024 | 26/05/2021 | 13:01 | Sparrowhawk | 1 | improved agricultural grassland and conifer plantation, adult male flew into conifer plantation | | DM |
| SH025 | 12/06/2021 | 11:01 | Sparrowhawk | 1 | raised bog, flying, male - mobbed by HC | | DM |
| SH026 | 13/06/2021 | 11:52 | Sparrowhawk | 1 | bogs and conifer plantation, travelling, female | | DM |
| SH027 | 10/07/2021 | 12:27 | Sparrowhawk | 1 | raised bog, soaring over hill then went down towards fields | | MM |



| Winter Walkover Surveys | | | | | | | | | | | |
|-------------------------|------------|------------------------|-------------|-----------------|------------------|---|----------|--|--|--|--|
| Map Ref. | Date | Time of Observation | Species | No. of birds | Feeding/Roosting | Notes on habitat and activity | Surveyor | | | | |
| SH001 | 18/12/2016 | 10:15:00 | Sparrowhawk | 1 | Adult male | WD4, (Conifer plantation) Hunting, chasing after wren | AR | | | | |
| SH002 | 22/01/2017 | 09:58:00 | Sparrowhawk | 1 | Adult male | WD4, (Conifer plantation) Hunting, caught BT in talons | AR | | | | |
| SH003 | 18/03/2017 | 10:16:00 | Sparrowhawk | 1 | | WD4, (Conifer plantation) Hunting GT Along Inspection track | AR | | | | |
| SH004 | 15/10/2017 | 11:20:00 | Sparrowhawk | 1 | | WD4, conifer Plantation, In flight along forest break, | AR | | | | |
| SH005 | 16/12/2017 | 10:35:00 | Sparrowhawk | 1 | | WD4, (Conifer plantation) Hunting GT | AR | | | | |
| SH006 | 17/12/2017 | 09:43:00 | Sparrowhawk | 1 | | Recently felled woodland | AR | | | | |
| SH007 | 28/01/2018 | 11:21:00 | Sparrowhawk | 1 | | In Flight | AR | | | | |

| Incidental Observations | | | | | | | | | | |
|-------------------------|----------------------------------|-------------|--------------|--|----------|--|--|--|--|--|
| Date | Survey Type | Species | No. of Birds | Notes | Surveyor | | | | | |
| 17/01/2017 | Upon arrival at site for VP5 | Sparrowhawk | | Hunting along forestry edge | AR | | | | | |
| 25/02/2017 | On route to VP2 | Sparrowhawk | | In flight along forest ride | AR | | | | | |
| 16/06/2017 | Outside Glenard site 500m buffer | Sparrowhawk | | Hunting along Illies Hill | AR | | | | | |
| 12/08/2017 | On route to VP 2 | Sparrowhawk | | Adult male hunting | AR | | | | | |
| 09/09/2017 | On route to VP 2 | Sparrowhawk | | Adult male perched | AR | | | | | |
| 05/10/2017 | HH Roost Survey | Sparrowhawk | | No HH Activity. SH hunting along forest edge. Sn rose from heather | AR | | | | | |
| 21/10/2017 | HH Roost Survey | Sparrowhawk | 1 | Hunting | AR | | | | | |
| 17/11/2017 | HH Roost Survey | Sparrowhawk | | 1 Sparrowhawk in flight | AR | | | | | |
| 15/12/2017 | HH Roost Survey | Sparrowhawk | 1 | | AR | | | | | |
| 21/01/2018 | During waterfowl count | Sparrowhawk | | | AR | | | | | |
| 15/02/2018 | VP | Sparrowhawk | 1 | MALE flew across track in on site | AOD | | | | | |
| 24/03/2018 | Waterfowl Survey | sparrowhawk | | | AR | | | | | |

