



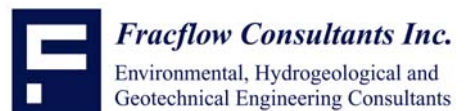
**Bird Monitoring
Program at
Ramea, NL, Canada
Final Report
December 2012**



PRESENTED TO:



PRESENTED BY:



REPORT NO. FFC-NL-592-002

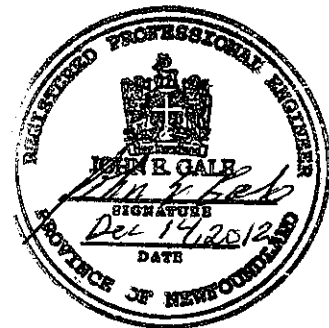
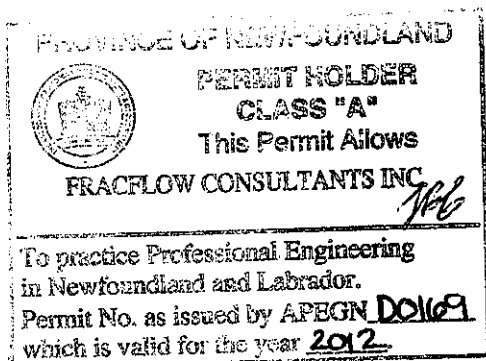
REPORT TO Newfoundland and Labrador Hydro
500 Columbus Drive
P.O. Box 12400
St. John's, NL
A1B 4K7

FOR Final Report

ON Bird Monitoring Program at Ramea, NL

December 2012

Fracflow Consultants Inc.
154 Major's Path
St. John's, Newfoundland and Labrador
A1A 5A1
Tel: 709 739 7270
Fax: 709 753 5101



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EXECUTIVE SUMMARY

A 23-month (May 27, 2010 – April 30, 2012) bird monitoring and experimental program was carried out at the Nalcor Wind-Hydrogen-Diesel Facility in Ramea, Newfoundland. Local community bird observers and naturalists conducted the monitoring, under the supervision and direction of Dr. William Montevecchi, an internationally recognized bird research scientist from Memorial University. This program represents the most comprehensive investigation of the influences of wind turbines on birds in Newfoundland and Labrador.

From May 27, 2010 through April 30, 2012, a continuous series of year-round weekly and monthly surveys and seasonal scavenger removal and carcass detection experiments were used to assess turbine influences on bird behaviour and collisions at three turbines in the Turbine Study Area and in a comparable non-adjacent Control Site (non-turbine site). Overall estimated collision rates for the three turbines ranged from 0.35 to 0.65 bird strikes/month or four to eight bird collisions per year (one to three collisions/turbine/annum). These rates compare with known collision rates, which range from 0.1 to 23 collisions/turbine/annum, for local avian species occurrences at wind energy installations (turbines) at terrestrial locations (Drewitt and Langston, 2006).

Bird occurrences were consistent between the present program and a brief pre-construction survey (Lang et al. 2007). The number of birds observed in the Turbine Study Area and Control Site were consistent, with an expected 3:1 ratio based on the number of point counts taken and differences in the area covered by the bird surveys at the Turbine Study Area and Control Site. A seasonal trend of increasing numbers of birds from winter to spring to summer through autumn was found. This trend was consistent between the Turbine Study Area and Control Site. No evidence was found for seasonal variation in collisions or near-turbine flight (within 50 m) occurrences. The number of flights close to turbines was not associated with rotor activity or inactivity.

On the basis of near-turbine flights, Savannah Sparrows, Snow Buntings, European Starlings, Robins, Bald Eagles, Merlins and other birds of prey appeared to have a higher risk of collision rates than other species.

Mitigation procedures and possible turbine operational improvements are recommended for ongoing operations.

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1.0 INTRODUCTION

Owing to environmental concerns about greenhouse gas emissions, energy conservation and usage, considerable effort is being directed to alternative sources of energy production. Wind energy is a major form of renewable energy, and wind energy installations at terrestrial and marine sites are proliferating on a global basis. Yet there are concerns about negative interactions of turbines with birds due to collisions and displacements following construction (Drewitt and Langston, 2006).

The community of Ramea is located on an island 8 km off the south coast of Newfoundland. The town is not connected to the provincial electrical power grid. Newfoundland and Labrador Hydro - A Nalcor Energy company (Nalcor) has installed a combined Wind-Hydrogen-Diesel (WHD) powered electrical generation system for the community electrical supply. The wind generation component of the system is made up of three 100 kW Northwind 100B, 3-blade turbines. The turbines are mounted on tubular towers measuring 37 m from grade to the turbine hub and each rotor diameter is 20.9 m. The wind speed that activates the rotation onset is 3.5 m/s (12.6 km/h) and the upper limit of wind speed in which the turbine rotation would be stopped is 25.0 m/s (90 km/h).

As part of the environmental responsibility associated with this WHD generation facility, Nalcor executed a bird monitoring program study that was designed to quantify avian utilization of the site and bird mortality around three wind turbines at a Turbine Study Area and at a comparable Control Site (no installed turbines) on the island (Figure 2.1). The methodologies used adhere to Environment Canada - Canadian Wildlife Service (CWS) protocols for such monitoring (Environment Canada - Canadian Wildlife Service 2006, 2007) and this study followed a pre-construction nesting bird survey (Lang et al. 2007).

Fracflow Consultants Inc. (Fracflow) prepared a response to a request for proposal for this study and was awarded Nalcor contract 4426AB on May 5, 2010 to design and execute the bird monitoring program at the WHD. The program planning and design was commenced immediately upon contract signing, with the field program (a carcass removal experiment) initiated on May 26, 2010. The first weekly survey was conducted on June 2, 2010 by long-term local bird watcher, hunter, taxidermist and naturalist, Mr. Richard Northcott, under the auspices of Fracflow and the supervision and direction of Dr. William Montevicchi, who provided the key expertise for this project. Mr. Northcott carried out the primary sighting, identification, recording and carcass searches of birds in the Turbine Study Area and in the comparable Control Site throughout the study period. He also performed seasonal carcass detection and scavenger removal experiments that were organized and managed by Dr. Montevicchi. Ms. Gloria Northcott, also an experienced bird observer, carried out the point count surveys and carcass searches when Mr. Northcott was unavailable. Surveys were carried out continuously through April 26, 2012.

Ms. Ingrid Lawlor, Fracflow Engineering/Environmental Technologist, was responsible for data

verification, recording and compilation of reports and graphics. Ms. Deneen Cull managed and directed the program for Nalcor. The corporate and principal project oversight was provided by Dr. John E. Gale of Fracflow who has 30 + years experience in guiding a wide variety of projects to successful completion.

2.0 METHODS

2.1 Study Site and Control Site

Figure 2.1 shows the locations of the Turbine Study Area and the non-adjacent Control Site in a similar open habitat.

2.2 Bird Observations

The primary bird observer through the duration of the environmental assessment program was Mr. Richard Northcott, a local naturalist, hunter and bird watcher. Mr. Northcott has decades of experience with the birds of Ramea and is very familiar with the local avifauna, including seasonal and rare occurrences. Ms. Gloria Northcott, also an experienced bird observer, carried out the point count surveys and carcass searches when Mr. Northcott was unavailable. The principal investigator (Dr. William Montevecchi) established the point count survey procedures and survey areas, and provided training to both observers at the beginning of the study.

The monitoring program adhered to the protocols outlined by Environment Canada - Canadian Wildlife Service (2006, 2007). The field program involved early morning (beginning around first light) point counts of birds in the designated study areas around the three turbines (Turbine Study Area or TSA) and also an area remote from the turbines that was used as the “Control” Site (CS).

The original program scope was to perform weekly point count surveys of birds from June through October and then commence monthly sightings during November through March. However, high occurrences of bird sightings during late October 2010, resulted in Fracflow recommending to Nalcor to extend the weekly sightings to the end of November. Nalcor agreed and authorized these additional November surveys during 2010. Upon completion of the first year of monitoring, Nalcor and CWS reviewed the findings and determined the monitoring frequency for the remainder of the program duration; these involved weekly surveys from April through November 2011, monthly surveys from December 2011 through March 2012 and weekly surveys in April 2012.

Point count surveys were carried out at the TSA and the CS each week from June 2010 to November 2010, from April through November 2011 and during April 2012. Monthly surveys were run from December 2010 through March 2011 and again from December 2011 through March 2012. All bird sightings and their distances up to 300 m (0 - 50 m, 50 - 100 m, >100 m) and directions from the each turbine and the centre of the CS were recorded and submitted on standardized record sheets (Appendix A).

The field record sheets were faxed by the bird monitor to the Fracflow office immediately upon the completion of the survey. Survey record sheets were reviewed as soon as received, any

questions or verifications were addressed and the data were entered into the study database (Appendix B). Monthly reports including summaries of the weekly data, an oversight analysis by Dr. Montevecchi and notes on operational issues and graphics of the sightings were generated and issued to Ms. Deneen Cull of Nalcor (Appendix C).

2.3 Carcass Searches

During the initial site visit (May 26 – 27, 2010), it was decided by D. Cull, W. Montevecchi and Fracflow staff to modify the recording protocols at the TSA and CS from those proposed in the original submission. Based on site conditions, it was determined that it would be more effective to set up search circles at 10 m intervals (radii) around each turbine and around the centre of the CS to help standardize the search protocols of the bird observer and to assess if there might be any inter-turbine differences in collisions owing to positioning. Instead of using an 80 m carcass search radius from the mid-point between Turbines 1 (WG7) and 2 (WG8), a 50 m carcass search radius was staked around each of the bases of Turbine 1 (WG7), 2 (WG8) and 3 (WG9) in the TSA (23,562 m² area) and around the centre of the CS (7,854 m² area). As shown in Figure 2.1, the 50 m carcass search radii did not overlap between the three turbine sites. Ten-minute surveys (point counts) were carried out at each turbine in the TSA and from the centre of the CS at each of the four primary compass directions (NESW) beginning with a random start direction and an observation range no greater than 300 m (Figures 2.2 and 2.3). Markers with flagging tape (Turbine 1 (WG7) – orange; Turbine 2 (WG8) – yellow; Turbine 3 (WG9) – orange) were used to stake, at 10, 20, 30, 40 and 50 m radii, circular search paths around each turbine in the TSA and around the centre of the CS. These circular search paths were walked by the observer during carcass searches following point count surveys (Figure 2.4). A table of random start directions specifying the start turbine and compass position of the first point count was created and provided to the bird observer with the standardized record sheets.

During and following the point count surveys, the observer recovered any bird carcasses or remains found in the TSA and CS. After each series of point counts at the TSA or at the CS, a ground search was conducted by walking slowly in circles with radii of 10, 20, 30, 40 and 50 m around each turbine and around the centre of the CS (Figure 2.4), except where compromised by site conditions at Turbine 3 (WG9), which is immediately adjacent to the fenced control facility compound. Observations there were made by looking through the wire fence into the compound.

2.4 Carcass Detection and Scavenger Removal Experiments

Carcass detection and scavenger removal experiments are valuable for two important reasons. First, these procedures are used to determine the observer's detection rate of carcasses in turbine vicinities. Second, the experiments provide information about the extent to which scavengers and predators remove carcasses from the study areas and hence from observer detection. These experiments were carried out in each season as avian diversity changes, as do variations in

weather and groundcover conditions. Between May 2010 and April 2012, seven tests of carcass detections by the bird observers and of carcass removals by scavengers/predators were conducted (May 27 and November 04, 2010; March 08, June 15 and September 28, 2011; January 27 and April 17, 2012). All of the seven carcass searches were organized by Dr. Montevecchi who placed the carcasses and provided direct supervision of the recovery of carcasses by the bird monitors. In addition, Dr. Montevecchi utilized the carcass search visits to review the procedures and methodology for the program. The procedure for these tests involved the principal investigator (Dr. Montevecchi) setting out 15 to 21 bird carcasses in random proportions around the turbines at preselected random directions (0 – 360°) and at distances up to 50 m around the turbines after dark and when the bird monitors were not present. Carcasses were set out after dark to preclude removals by diurnal predators such as ravens that have no access to carcasses until first light the next morning. A compass, landmarks in known directions, and pacing were used to set out carcasses, and while the method was adequate for the observer searches; it was not always possible to return to the exact sites to collect undetected carcasses.

Early in the morning after the carcasses were set out, searches were made by a bird observer who would walk circular paths at 10 m intervals with radii of 10, 20, 30, 40 and 50 m around each turbine in the TSA and the centre of the CS. Owing to the location of Turbine 3 (WG9) near the fenced compound (Figure 2.1), it was only possible to use about a 270° search area at this site. From the experiment on March 08, 2011 onward, carcasses were only set out around Turbines 1 and 2, because searches around Turbine 3 (WG9) positioned atop a large boulder screen, which was ice- and snow-covered at the time, were deemed too dangerous. Moreover, at least one carcass was lost by falling into the crevices between the boulders when set out at night reducing the effectiveness of carcass experiments at Turbine 3.

After the observer had searched the area thoroughly, the observer and the principal investigator, using the predetermined random coordinates, searched for the unrecovered carcasses. Predators and scavengers (ravens, cats, dogs) were noted during searches and surveys. Carcass recovery attempts that detected any missing and/or lost carcasses were recorded and reported to Nalcor (Appendix D).

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Figure 2.1 General location map showing the three turbines in the Turbine Study Area and the Control Site relative to other cultural features and the coastline.


Project No. 592	Scale As Shown	
Location Ramea, NL	Date December 2012	



Figure 2.2 Study area around turbine sites (50 m and 300 m radius areas).



Project No. 592	Scale As Shown	
Location Ramea, NL	Date December 2012	



Figure 2.3 Study area around Control Site (50 m and 300 m radius areas).

Project No. 592	Scale As Shown	
Location Ramea, NL	Date December 2012	

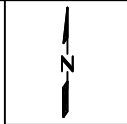
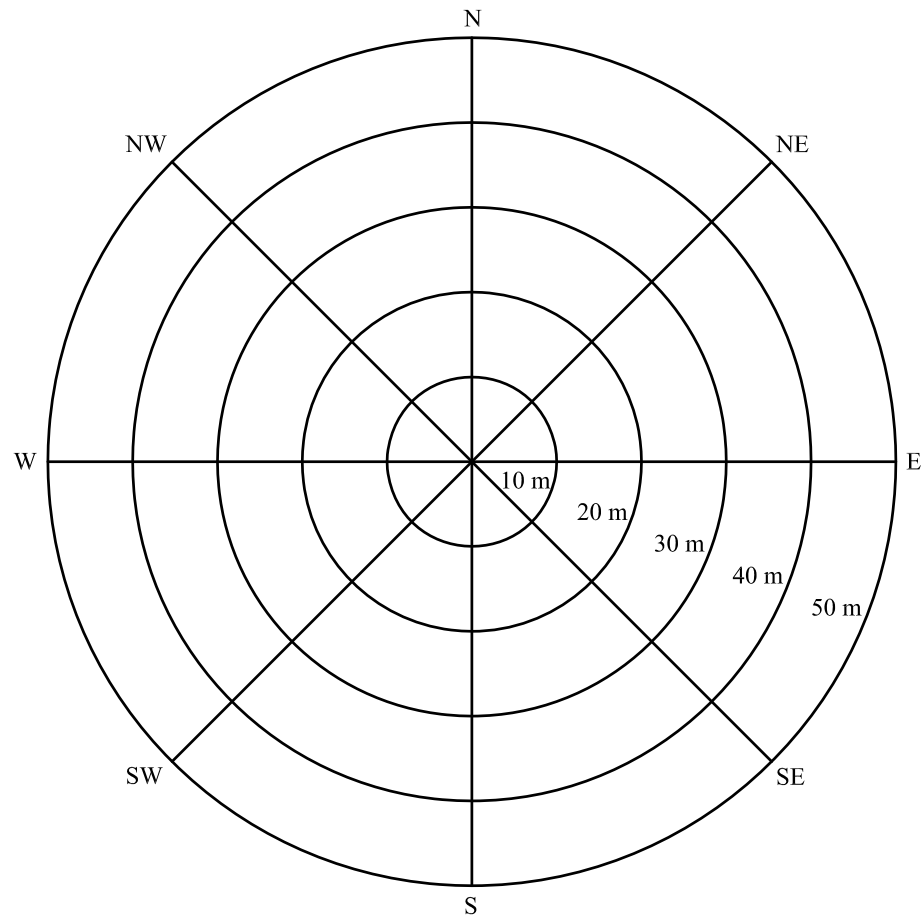


Figure 2.4 Circular paths walked around turbines and the centre of the Control Site following sighting surveys.

Project No.
592

Scale
As Shown

Location
Ramea, NL

Date
December 2012



3.0 RESULTS

3.1 List of Avian Species Recorded

During the surveys from May 2010 through April 2012, 48 avian species were recorded in the TSA and CS (Table 3.1). The only SARA (Species at Risk Act) species recorded was the Harlequin Duck. The few observations of this duck that were recorded were on the water many hundreds of metres from the turbines. Soras were also seen at dusk and heard calling at night in the TSA, though they were not recorded on surveys.

Table 3.1 Avian species recorded at the Turbine Study Area and Control Site, May 2010 - April 2012.

Species		
Canada Goose	Whimbrel	Horned Lark (Control Site Only)
American Black Duck	Greater Yellowlegs	Tree Swallow (Turbine Site Only)
Long-tailed Duck (Oldsquaw)	Spotted Sandpiper (Turbine Site Only)	Merlin
Green-winged Teal (Turbine Site Only)	Purple Sandpiper	Bald Eagle
Common Eider	Wilson's Snipe (Turbine Site Only)	Northern Harrier
Harlequin Duck (Turbine Site Only)	Ring-billed Gull (Turbine Site Only)	Hawk
White-winged Scoter (Control Site Only)	Herring Gull	American Kestrel
Red-breasted Merganser	Great Black-backed Gull	European Starling
Common Loon	Glaucous Gull	American Redstart (Turbine Site Only)
Double-crested Cormorant	Tern	Warbler (Turbine Site Only)
Northern Gannet	Dovekie	House Sparrow (Turbine Site Only)
American Coot (Turbine Site Only)	Common Murre (Turbine Site Only)	Savannah Sparrow
Black-bellied Plover	Black Guillemot	Fox Sparrow
American Golden Plover	Mourning Dove (Turbine Site Only)	Song Sparrow
Semi-palmated Plover (Control Site Only)	American Crow	Snow Bunting
Killdeer (Turbine Site Only)	Northern Raven	American Robin

The number of each of the different species at the TSA and at the CS are summarized in Table 3.2, while Table 3.3 provides a summary of total sightings by month. Overall, during the May 2010 through April 2012 study period, 12,441 birds were recorded in the TSA and 3,647 in the CS. The total sightings in the TSA were clearly dominated by Herring Gulls, which had

almost 9,000 individuals counted, making up 71% of all birds recorded. Great Black-backed Gull was the only other species with more than 1,000 sightings. Together, Herring Gulls and Great Black-backed Gulls accounted for 80% of the species counted. Species with more than 100 sightings include American Black Duck (226), Common Eider (135), Double-crested Cormorant (462), Whimbrel (192), Ring-billed Gull (136), Northern Raven (583) and Savannah Sparrow (159).

Interestingly, some species nested successfully in the TSA (see section 3.5).

Table 3.2 Total species counts at the Turbine Study Area and Control Site, May 2010 - April 2012.

Species	Turbine Study Area	Control Site
Canada Goose	6	9
American Black Duck	226	41
Long-tailed Duck (Oldsquaw)	7	5
Green-winged Teal	29	0
Common Eider	135	195
Harlequin Duck	3	0
White-winged Scoter	0	2
Red-breasted Merganser	6	9
Common Loon	18	18
Double-crested Cormorant	462	107
Northern Gannet	12	21
American Coot	2	0
Black-bellied Plover	4	5
American Golden Plover	6	16
Semi-palmated Plover	0	21
Killdeer	7	0
Whimbrel	192	139
Greater Yellowlegs	25	18
Spotted Sandpiper	28	0
Purple Sandpiper	30	192
Wilson's Snipe	12	0
Ring-billed Gull	136	0

Species	Turbine Study Area	Control Site
Herring Gull	8,789	2,142
Glaucous Gull	2	1
Tern	12	10
Great Black-backed Gull	1,114	294
Dovekie	89	76
Common Murre	4	0
Black Guillemot	76	53
Mourning Dove	5	0
American Crow	58	10
Northern Raven	583	102
Horned Lark	0	20
Tree Swallow	1	0
Merlin	12	5
Bald Eagle	13	2
Northern Harrier	2	1
Hawk	2	1
American Kestrel	1	1
European Starling	76	0
American Redstart	1	0
Warbler	3	0
House Sparrow	1	0
Savannah Sparrow	159	58
Fox Sparrow	2	4
Song Sparrow	4	3
Snow Bunting	59	64
American Robin	27	2
Totals	12,441	3,647

Table 3.3 Total sightings by month.

Total Sighted	Turbine Study Area		Control Site		
	Month	Birds Sighted	Carcasses	Birds Sighted	Carcasses
	May 2010				
	June 2010, 6 surveys	1,092	3	0	0
	July 2010, 4 surveys	701	1	181	0
	August 2010, 4 surveys	773	1	243	0
	September 2010, 5 surveys	897	0	276	1
	October 2010, 4 surveys	1,341	0	315	0
	November 2010, 4 surveys	1,099	1	200	0
	December 2010, 1 survey	74	0	92	0
	January 2011, 1 survey	81	0	6	0
	February 2011, 1 survey	59	0	16	0
	March 2011, 1 survey	83	0	79	0
	April 2011, 4 surveys	591	0	206	0
	May 2011, 4 surveys	503	1	94	1
	June 2011, 5 surveys	733	1	169	0
	July 2011, 4 surveys	230	0	157	0
	August 2011, 5 surveys	964	1	453	0
	September 2011, 4 surveys	896	0	333	0
	October 2011, 4 surveys	847	1	253	0
	November 2011, 3 surveys	576	0	291	0
	December 2011, 1 survey	136	0	72	0
	January 2012, 1 survey	116	0	28	0
	February 2012, 1 survey	84	0	24	0
	March 2012, 1 survey	126	0	59	0
	April 2012, 4 surveys	439	1	100	0
Totals		12,441	11	3,647	2

3.1.1 Comparisons with Pre-Construction Survey

A two-day nesting season survey, consisting of four parallel transects spaced 100 m apart, was run through the TSA on June 26 - 27, 2007 (Lang et al. 2007). In both the pre- and post-construction data, Savannah Sparrows were the most abundant breeding species detected, and Herring Gulls and Great Black-backed Gulls were the most common non-breeding species.

In the pre-construction survey, Spotted Sandpiper, Least Sandpiper and Swamp Sparrow (single detections of the latter two species) were also considered to nest or possibly nest in the TSA. During post-construction point counts at the TSA and at the CS, Spotted Sandpipers were recorded though neither the Least Sandpiper or Swamp Sparrow were detected. The pre-construction transects and area searches extended well beyond the observational distances used for point counts at the TSA during the post-construction project and likely contributed to this difference.

Other species considered likely nesters in the TSA and adjacent area include Wilson's Snipe and Sora.

Yellow Warbler, Common Grackle and Purple Finch were seen outside the TSA in both the pre- and post-construction projects.

3.1.2 SARA Species

Harlequin Duck was the only SARA species recorded during the surveys. The few observations of this duck that were recorded were on the water many hundreds of metres from the turbines.

3.2 **Seasonal Patterns of Abundance and Diversity**

Figure 3.1 shows the weekly trends in the sightings or occurrences of the most commonly observed birds in the TSA and CS, respectively. The highest weekly occurrences were in October and November in 2010 and 2011, reflecting primarily a migratory movement of Herring Gulls in the area.

On a seasonal basis, bird occurrences in the study areas were lowest during winter, moderate during spring, and high during summer and autumn, with the highest number of birds being counted during the fall at both the TSA and CS (Table 3.4; Figure 3.2). These patterns are a function of the large number of Herring Gull observations and their late summer/autumn movement patterns. Great Black-backed Gulls were also common throughout the year. Northern Ravens occurred throughout the year but were most common during spring and summer. The nearby town incinerator adjacent to the TSA was a likely factor in attracting gull and ravens to

the vicinity. American Black Ducks and Savannah Sparrows nested adjacent to and in the TSA, respectively and were common during the summer. Migrating Whimbrels were common during late summer migration when they foraged for berries on the grounds around the turbines. Patterns of avian species occurrences were similar in the TSA and CS.

Table 3.4 Seasonal and annual mean (+ standard error) of point counts of birds at the Turbine Study Area and at the Control Site, 2010 - 2012.

Season	Treatment	2010	2011	2012	2010 - 2012
WINTER	Turbine	NA	24.3 ± 4.1 (n = 9)	33.6 ± 4.4 (n = 9)	28.9 ± 3.1 (n = 18)
	Control	NA	10.7 ± 2.9 (n = 3)	37.0 ± 11.1 (n = 3)	23.8 ± 7.7 (n = 6)
SPRING	Turbine	42.0 ± 6.0 (n = 18)	45.3 ± 4.4 (n = 39)	41.1 ± 7.2 (n = 12)	43.7 ± 3.2 (n = 69)
	Control	72.0 ± 12.5 (n = 6)	31.7 ± 7.5 (n = 13)	25.0 ± 6.2 (n = 4)	41.0 ± 6.6 (n = 23)
SUMMER	Turbine	56.4 ± 5.4 (n = 39)	49.4 ± 5.8 (n = 39)	NA	52.9 ± 4.0 (n = 78)
	Control	57.7 ± 13.3 (n = 13)	63.4 ± 8.9 (n = 13)	NA	60.5 ± 7.8 (n = 26)
FALL	Turbine	90.3 ± 19.5 (n = 27)	98.2 ± 20.8 (n = 24)	NA	94.0 ± 14.1 (n = 51)
	Control	70.2 ± 18.6 (n = 9)	87.9 ± 12.0 (n = 8)	NA	78.5 ± 11.2 (n = 17)

We tested differences between these factors using a Generalized Linear Model with a quasi-Poisson error structure and log link. This model accounts for the over-dispersed nature of the count data. Results indicate no significant differences between point counts at the TSA versus the CS ($F_{1,283} = 0.12$, $p = 0.73$). Counts were significantly different across seasons ($F_{3,284} = 17.4$, $p < 0.0001$), with the number of birds sighted being lowest in winter and increasing through spring, summer and fall (Table 3.4). There was no significant difference in point counts from year to year ($F_{1,283} = 0.05$, $p = 0.82$).

Species diversity was highest during summer and lowest in winter (Figure 3.3). We tested differences using a General Linear Model. Results indicate no significant differences between point counts at the TSA versus the CS ($F_{1,282} = 3.69$, $p = 0.06$). Though species diversity was not highly variable, it was significantly different across seasons ($F_{3,282} = 10.66$, $p < 0.0001$). There was no significant differences in species diversity from year to year ($F_{1,282} = 0.05$, $p = 0.79$).

3.2.1 Turbine versus Control Site Counts

Comparisons of species abundances and diversity between the point counts at the TSA and the CS can be used to assess possible species avoidance at the TSA. For example, if counts at the CS were higher than those at the TSA, avoidance of turbines might be inferred. Further, if there was evidence of avoidance and if it was increasing, then it might be expected that differences between the numbers of birds and incidences of species at the CS and at the TSA would increase over years. Alternatively, birds in the area could habituate to the TSA and any initial differences between point counts at the TSA and at the CS might dissipate over time. Lack of differences between the TSA and CS would suggest that birds are not avoiding the TSA.

On the basis of the TSA being three times as large as the CS and having three times the number of point counts compared to the CS, it might be expected that, with other things being equal, there would be three times as many birds counted at the TSA. During point counts at the CS, 3,647 birds were counted compared to 12,441 at the TSA. These numbers yield a ratio of 3.41 suggesting that in general, birds were not avoiding the TSA.

Figures 3.2 and 3.3 and Table 3.4 show slight differences in the mean numbers of birds and of species between the TSA and the CS point counts. The analyses of these data indicate no significant differences between the CS and TSA point counts for either bird or species numbers, and there were no significant differences across years.

Figure 3.4 shows the numbers of birds recorded at the TSA and CS in the different distance categories. There were no significant differences in the counts at the TSA versus counts at the CS ($F_{1,857} = 0.09$, $p = 0.77$), though counts exhibited marked increase across distance categories ($F_{3,858} = 335.05$, $p < 0.0001$).

3.3 Flights Near Turbines and Weather Conditions

3.3.1 Aerial versus Ground Occurrences and Flight Distances from Turbines

Overall, about three quarters of the birds recorded on point counts were flying. This was consistent between counts at the TSA (75% of birds flying) and at the CS (77% of birds flying; Figure 3.5).

To help assess vulnerability and risks to birds at the TSA, the number of birds flying within 50 m of a turbine was determined and compared with the numbers of birds flying within 50 m of the centre of the CS on a seasonal basis. Furthermore, relationships between these close fly-bys and weather conditions (fog/overcast vs. clear) and wind speeds and directions were also assessed.

3.3.1.1 *Flights Within 50 m of Turbines*

During a point count, an average of about two birds flew within 50 m of a turbine. This average was no different from that of birds flying within 50 m of the centre of the CS ($F_{1,161} = 0.33$, $p = 0.56$), and there was no significant variation across seasons ($F_{362} = 0.14$, $p = 0.93$).

Figure 3.6 shows the percentages of occurrences in each distance category around a turbine for each of the species recorded flying in the TSA. For species with ten or more occurrences in the TSA, those with 20% or more of their flights within 50 m of a turbine include Savannah Sparrow, Snow Bunting, European Starling, American Robin, Bald Eagle and Merlin. The Savannah Sparrows nested within the TSA and also suffered two of the ten avian mortalities in the TSA, while none of these other species incurred any mortality.

3.3.2 Flight Distance from Turbines in Different Wind Conditions, Turbine Rotation and Fog

Wind turbine facilities operate on the basis of wind velocities being a minimum cut-in and a maximum cut-out. Owing to daily and seasonal variability in the wind profile at Ramea, wind turbine blades only rotate for a portion of time. The turbines are mounted on tubular towers measuring 37 m from grade to the turbine hub and each rotor diameter is 20.9 m. The wind speed that activates the rotation onset is 3.5 m/s (12.6 km/h) and the upper limit of wind speed in which the turbine rotation would be stopped is 25.0 m/s (90 km/h). Figure 3.7 shows that during the point count surveys, the dominant winds were from the northwest and that the strongest winds blew from the west and northwest.

Near-turbine flights were associated with high northerly winds. More birds were counted within 50 m of turbines when northerly winds were stronger than 20 km/hr ($F_{1,235} = 14.82$, $p = 0.0001$).

A comparison of bird numbers during on-times and during off-times was used to assess if turbine activity was associated with the numbers of birds recorded. The graphical analysis (Figure 3.8) shows that the turbines operational periods do not appear to have an association with bird occurrences.

Fog conditions exhibited no associations of higher number of birds flying near turbines at either 0 - 50 m ($F_{1,285} = 0.38$, $p = 0.536$) or 50 - 100 m ($F_{1,285} = 0.91$, $p = 0.340$). Owing to enhanced observer detection rates, significantly more birds were observed at distances greater than 100 m during clear rather than during foggy conditions ($F_{1,857} = 12.05$, $p = 0.0005$).

3.4 Species Breeding in Study Area

Interestingly, some bird species nested close to turbines and just adjacent to the TSA. Savannah Sparrows nested within 50 m of a turbine, and it is likely that three pairs nested successfully in the TSA during each year.

In the marshy pond adjacent to and northeast of the TSA, and nearest Turbine 3 (WG9), American Black Ducks nested successfully. They appeared to hatch two to three broods of ducklings each year. Green-winged Teal may also nest in the pond, and Common Eiders nest nearby. Soras were seen and heard calling at night in the TSA and Wilson's Snipe was calling near the pond where the ducks nested. These species may also nest in the area. The nesting records and possibilities suggest that for some species, there is a lack of disturbance and/or habituation in the TSA.

Other species used the TSA as a staging, resting and feeding area (Whimbrels, Herring Gulls, Great Black-backed Gulls, Northern Ravens, Snow Buntings).

3.5 Carcass Recoveries

During the course of the monitoring, the carcass searches following the point counts picked up a number of avian carcasses and partial specimens. These are summarized in Table 3.5. From June 2010 through April 2012, ten carcasses or parts of birds and one injured Herring Gull that was able to fly, were found in the TSA and one finding of remains was made in the CS. The first three of these were found during the initial search on June 2, 2010 and were very old bits of feathers and bones. During the same period, another specimen was opportunistically (not during a scheduled survey) picked up in the TSA. One unidentified specimen was found at the CS and a dead Sora was picked up outside the TSA. Of the specimens and remains found in the TSA, five were small songbirds and six were larger species, including seabirds and shorebirds.

Excluding the three very old fragments that were found on the initial search and the remains of the apparent "lost" Dovekie carcass from a previous carcass experiment, bird recoveries were relatively evenly distributed in all seasons - winter (1), spring (3), summer (4), fall (2). This finding contrasts with the seasonal peak of birds in the study area during fall (Figure 3.1). Hence, collision risk for birds in the TSA is not well associated with fluctuating seasonal abundances in the area. Interestingly, the numbers of birds flying within 50 m of a turbine during a point count was also relatively constant across seasons and averaged about two birds per survey.

A comparison of the remains found at the TSA and CS indicate a 11:1 ratio of recoveries. Yet, because the TSA is approximately three times larger than the CS and because there were three searches in the TSA for each one in the CS, the ratio is better expressed as 3.67:1.

Table 3.5 Recoveries of avian carcasses and specimens during searches.

Date	Site	Species	Notes
June 2, 2010	Turbine 1 (WG7)	Yellowlegs or Whimbrel	Very old feathers and dry white bones
June 2, 2010	Turbine 1 (WG7)	Small Gull	Leg bone and foot
June 2, 2010	Turbine 2 (WG8)	Dovekie	Very old feathers and dry white bones
July 21, 2010	Turbine 2 (WG8)	Injured Herring Gull	Could fly
August 11, 2010	Turbine 1 (WG7)	Savannah Sparrow	Whole, good condition
September 29, 2010	Control Site	Unidentified	Bones and feathers
November 24, 2010	Turbine 1 (WG7)	Red-breasted Nuthatch	Whole, few days old
May 1, 2011	Near ferry terminal - outside study area	Sora	Whole bird
May 4, 2011	Turbine 3 (WG9)	Common Grackle	Feathers, 2 wing tips, fresh kill
June 17, 2011	Turbine 1 (WG7)	Savannah Sparrow	Whole
August 3, 2011	Turbine 3 (WG9)	Leach's Storm-Petrel	Feathers only, musky smell
October 27, 2011	Turbine 3 (WG9)	Northern Waterthrush	Whole, dead for a few days
Early January, 2012	Turbine area	Dovekie	In study area, not on survey
April 25, 2012	Turbine 3 (WG9)	Possible Dovekie	Top of skull with few black feathers, very old; likely scavenged missing specimen from Sept 2011 carcass experiment
Totals		11 - Turbine Study Area 1 - Turbine area off survey 1 - Control Site 1 - Outside study area	

3.6 Carcass Experiments

3.6.1 Carcass Detection by Bird Observer

During carcass studies, the rates of carcass recoveries by the bird observers after removals by scavengers and predators are accounted for, averaged 80% (99/124) of the available carcasses that were placed by/set out by the principal investigator (Table 3.6).

During the experiments, the observer's recovery rates ranged from 60% to 100%. Recoveries included in 2010, 64% (9/14) for May and 71% (10/14) for November; in 2011, 100% (15/15)

for March, 75% (15/20) for June and 60% (12/20) for September; in 2012, 81% (17/21) for January and 80% (16/20) for April.

Some birds in metre deep grass that were not detected by the observer were extremely difficult to find, requiring extended searches by the principal investigator and the observer. Sometimes specimens in such situations were not found. Twelve bird specimens that were lost, i.e., not recovered by the principal investigator and observer following the completion of the systematic search by the observer were not attributed to predator or scavenger removals. Rationales for these included small carcasses blowing away in strong winds when set out on the night before the carcass search and/or imprecise setting of carcasses at exact random sites. Eight of these 12 birds were passerine and seven of them were dark-plumaged.

Scavenger and predator removals of carcasses, along with observer detection recovery rates, resulted in a 73% (99/135) recovery rate of all carcasses set out. This information was used to generate an inflation factor of 1.36 (135 carcasses set out/99 recovered) that was subsequently used in estimates of total bird mortality associated with the TSA (Section 3.7).

Table 3.6 Results of carcass experiments.

Date	No. Set Out	Predator	Recovery	Lost	Found	% Predator	% Recovery
May 2010	19	5	14	0		26	64
November 2010	20	6	10	4		30	71
March 2011	15	0	15	0		0	100
June 2011	20	0	15	0	5	0	75
September 2011	20	0	12	4	4	0	60
January 2012	21	0	17	2	2	0	81
April 2012	20	0	16	2	2	0	80
Totals	135	11	99	12	13	Avg = 8	77.29
						Range = 0-30	60-100

3.6.2 Carcass Removal by Scavengers/Predators

Predators removed 8% (11/135 carcasses) of the carcasses that were set out. Interestingly, carcass removals by predators only occurred during the first two experiments in May and November 2010, when 26% and 30%, respectively, of the carcasses were taken by Northern Ravens and a cat.

Northern Ravens were the primary predator/scavengers. They searched the study areas during the early morning hours around dawn during the first two experiments in 2010 but not thereafter.

During these tests, the ravens appeared to cue on the activity of the observer. Decreased activity at the nearby town refuse site and incinerator may have reduced raven activity in the area over the course of the study. Dogs and feral cats also occurred in the area. The removal of a murre carcass (~ 1 kg) was considered to be due to a feral cat that was seen in the area, the day before the experiment was conducted. Rats may have also been associated with the nearby incinerator and dump site and could also have been scavengers of bird carcasses.

3.7 Estimated Mortality Associated with Ramea Wind Turbine Site

During the 23-month monitoring program from May 27, 2010 through April 30, 2012, ten avian remains and carcasses and an injured Herring Gull were found in the TSA, while only a single recovery was made at the CS which is one-third the size of the TSA. It is possible that some other carcasses were undetected. To help account for undetected mortalities, considerations of observer detection rate and of scavenger/predator removals provided a correction (inflation) factor of 1.36. Applying the correction factor to the recorded mortality of 11 birds yields a mortality estimate of 15 birds for the 23-month monitoring period, or on average, lethal strikes of 0.65 birds/month or eight birds/year.

Extrapolating from the single occurrence of avian remains found in the CS to the three-fold larger TSA, could suggest that three of the remains found in the TSA might be attributed to mortality not associated with the turbines. If so, then eight turbine-related bird deaths could be inferred for the 23-month study. This mortality level would yield a lethal collision rate of 0.35 birds/month or four birds/annum. As there are three turbines at the Ramea WHD installation, these numbers imply one to three bird collisions/turbine/annum.

3.8 Species Most Likely Affected and Significance

Of the species that have 25 or more observations, Savannah Sparrow and American Robin had more than 50% of their occurrences within 50 m of a turbine. Savannah Sparrows nested successfully in the TSA and was one of two species to incur more than one mortality near the turbines. No robin carcasses were found.

Dovekies also incurred at least two mortalities in the TSA. Yet, no Dovekies were observed within 50 m of a turbine and only 7% (9/134) of their sightings were within 100 m of turbine. This finding could imply that although Dovekies tend not to fly near turbines, when they do, they might be a high-risk species.

Birds of prey may also be high-risk species. Though they were not of common occurrence, many raptor species were recorded near turbines. For example, 29% (4/14) of Merlin sightings were within 50 m of a turbine and 57% (8/14) were within 100 m. For Bald Eagles, 20% (3/15) of their sightings were within 50 m of a turbine (one directly above a turbine) and 67% were within

100 m of a turbine. And while there were only two records of American Kestrel, both were within 100 m of a turbine, one within 50 m. The two Northern Harriers observed also occurred within 100 m of a turbine.

Other species like Herring Gulls, of which almost 7,000 flying birds were observed, had 185 occurrences within 50 m of a turbine. Though this represented less than 3% of their total sightings (185/6,886), the species' near-turbine occurrences were more than three times greater than the second highest species with near-turbine occurrences – the Great Black-backed Gull which had 60 flights within 50 m of a turbine, representing 6% of their total sightings (973). One injured Herring Gull was found in the TSA but no Great Black-backed Gulls were found. However, one Great Black-backed Gull was killed at the TSA following the end of the project monitoring (R. Northcott, personal communication).

Black Ducks and possibly Green-winged Teal nested in the marshy pond near the TSA and Eiders also nested in the TSA. Eiders flew near turbines during 10% of their observed flights in the TSA. There were no strikes involving waterfowl.

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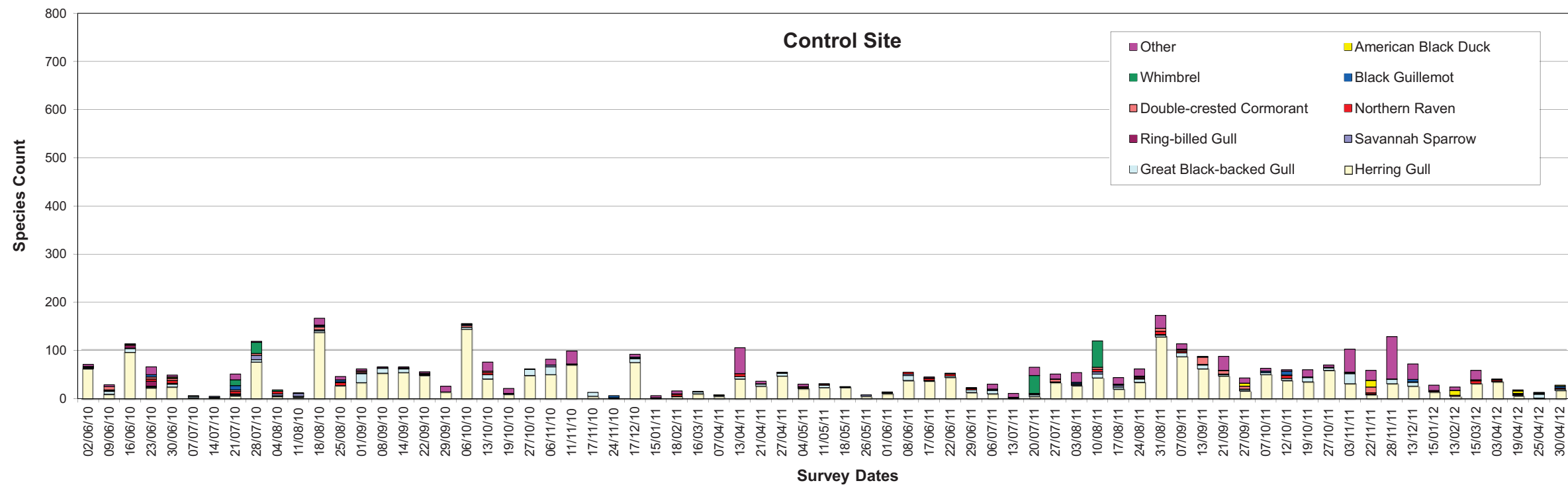
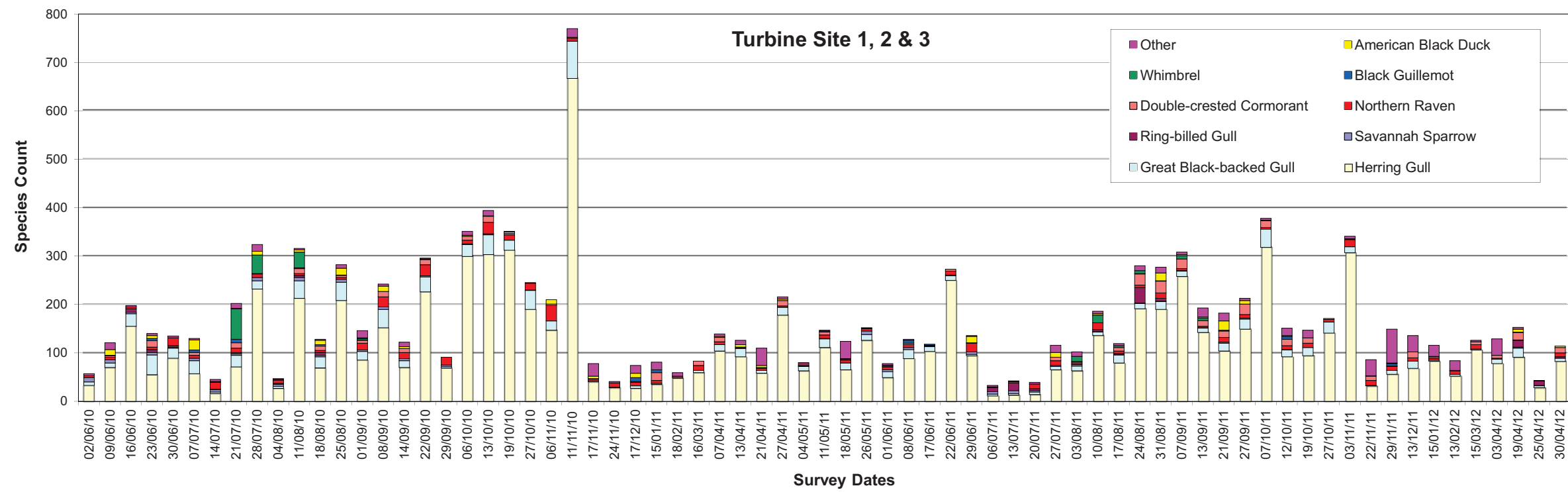
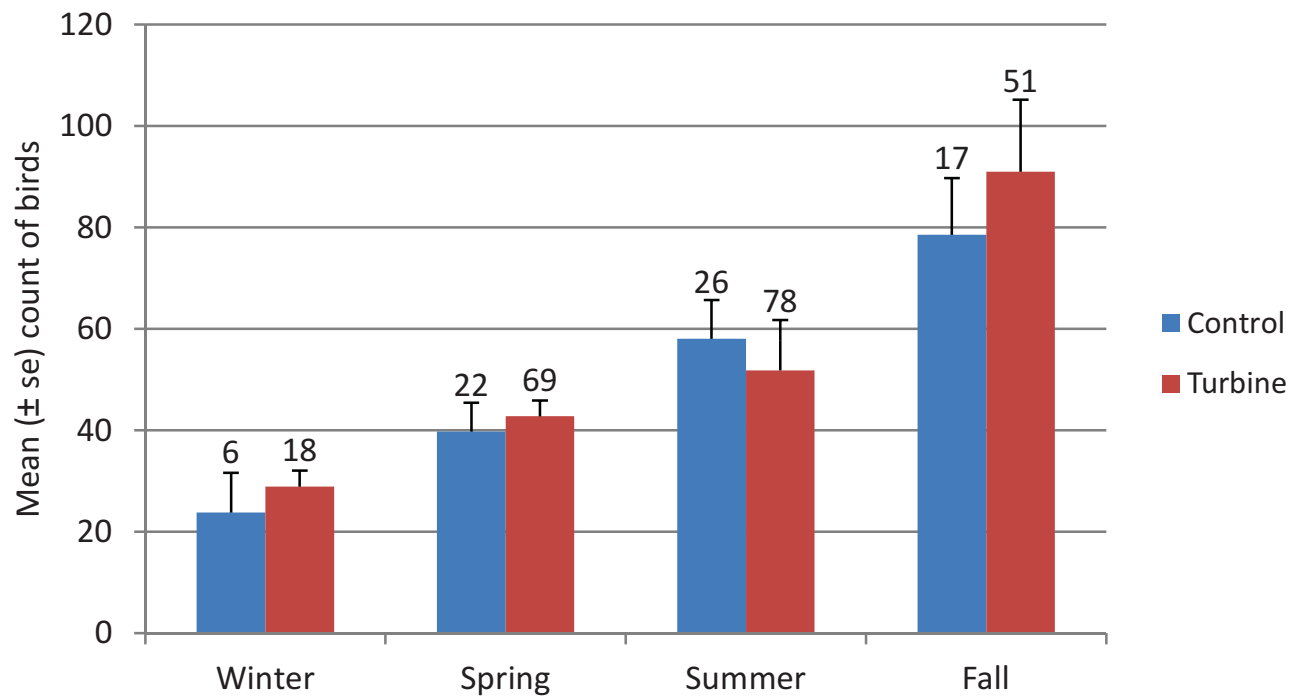


Figure 3.1 Weekly histograms for Turbine Study Area and Control Site, June 2010 to April 2012.


Project No. 592	Scale As Shown
Location Ramea, NL	Date December 2012

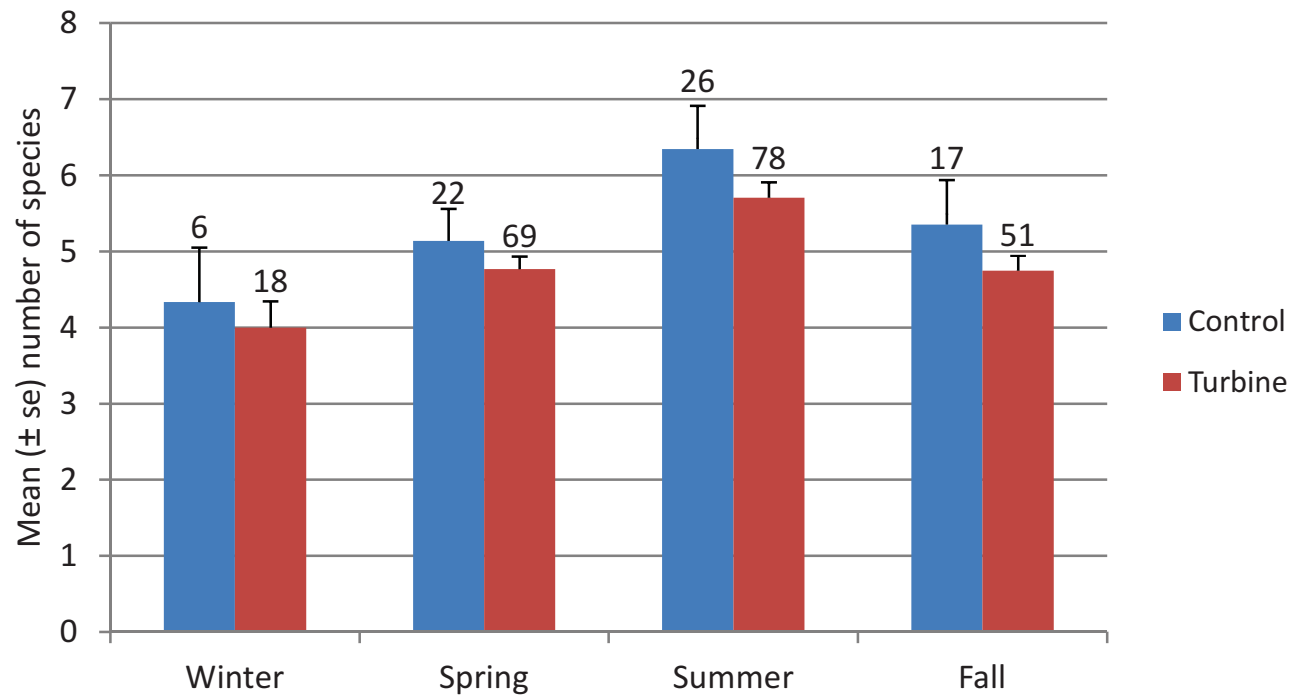




Note: Number of point counts shown at tops of columns.


Figure 3.2 Mean (+ standard error) count of birds at turbines and in the Control Site during winter, spring, summer and fall, 2010 - 2012.

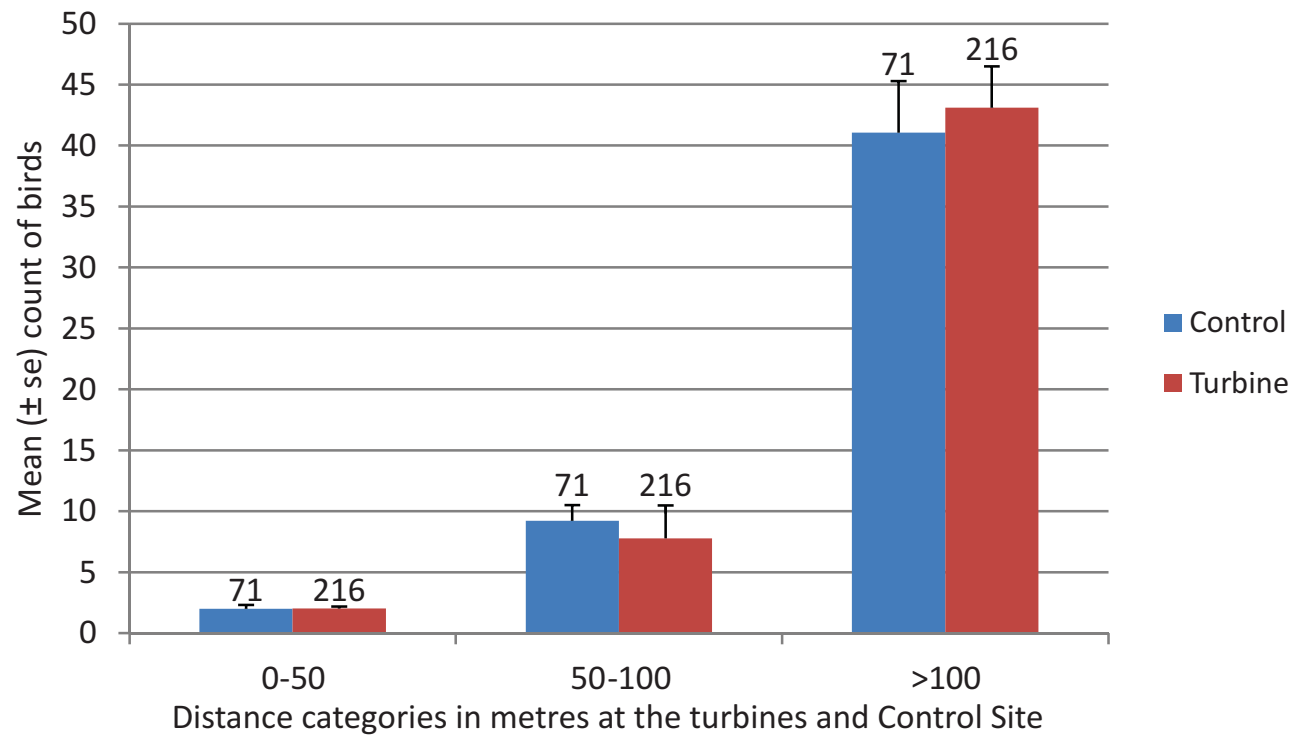
Project No. 592	Scale As Shown	
Location Ramea, NL	Date December 2012	



Note: Number of point counts shown at tops of columns.


Figure 3.3 Mean (+ standard error) of diversity of avian species at turbines and the Control Site during winter, spring, summer and fall, 2010 - 2012.

Project No. 592	Scale As Shown	
Location Ramea, NL	Date December 2012	



Note: Number of point counts shown at tops of columns.

Figure 3.4 Mean numbers of birds recorded during the point count surveys in the different distance categories at the turbines and Control Site.

Project No. 592	Scale As Shown	
Location Ramea, NL	Date December 2012	

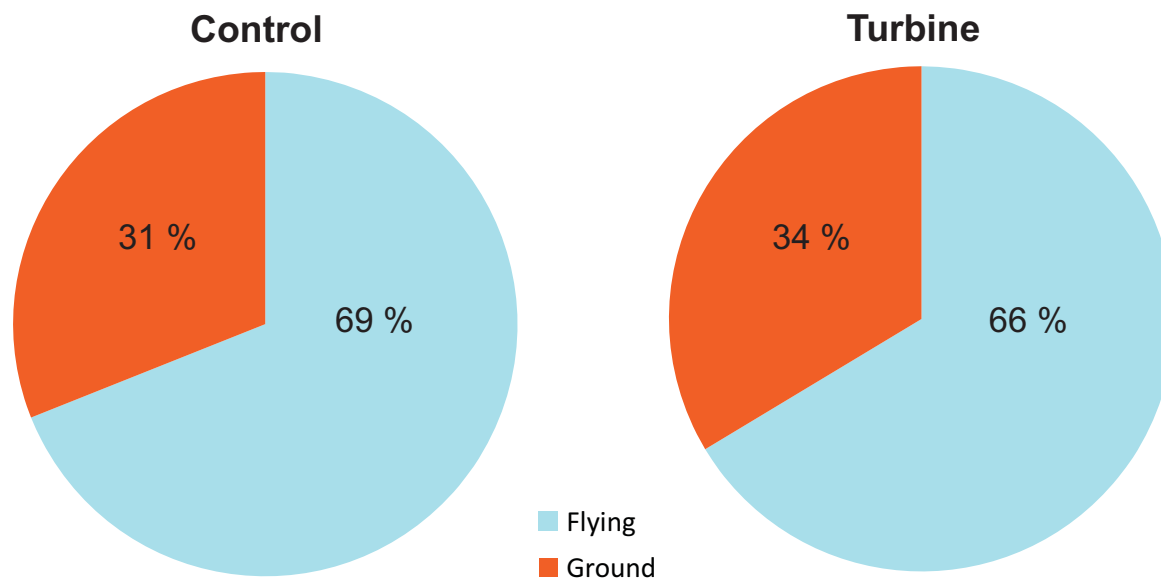



Figure 3.5 Percentages of birds flying during point counts at turbines and at the Control Site.

Project No. 592	Scale As Shown	
Location Ramea, NL	Date December 2012	

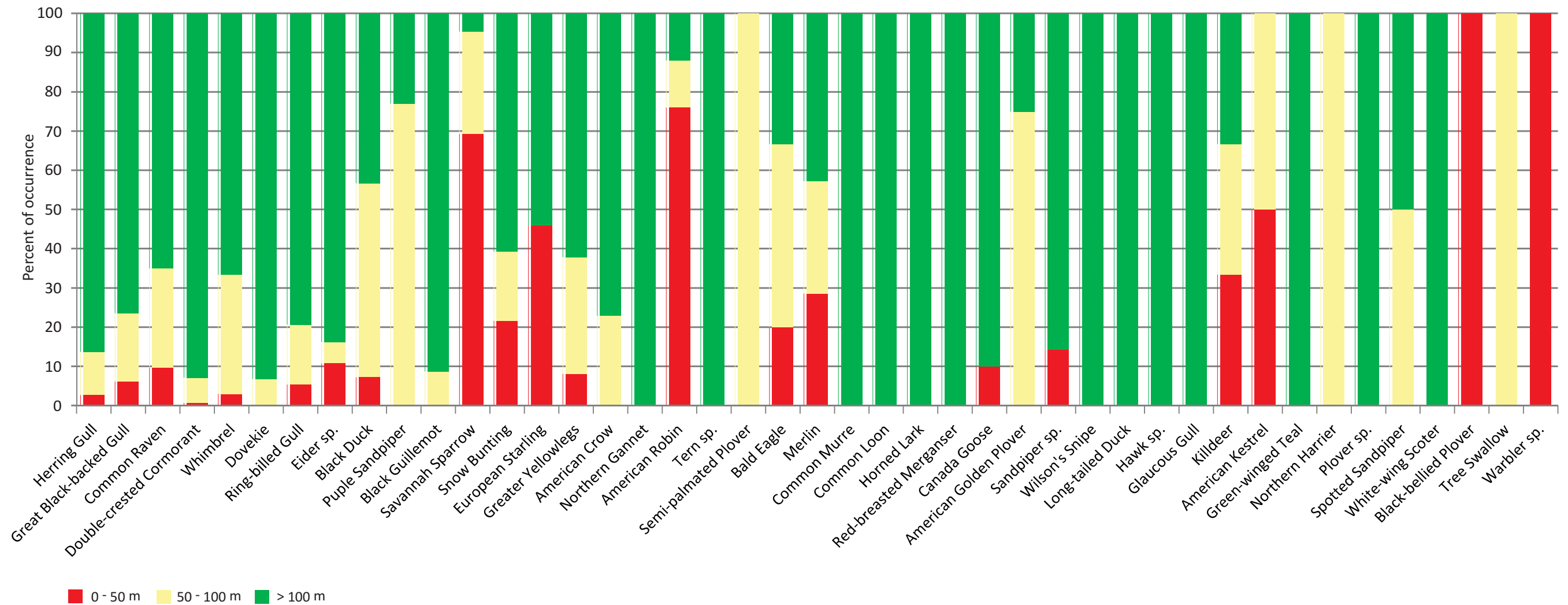
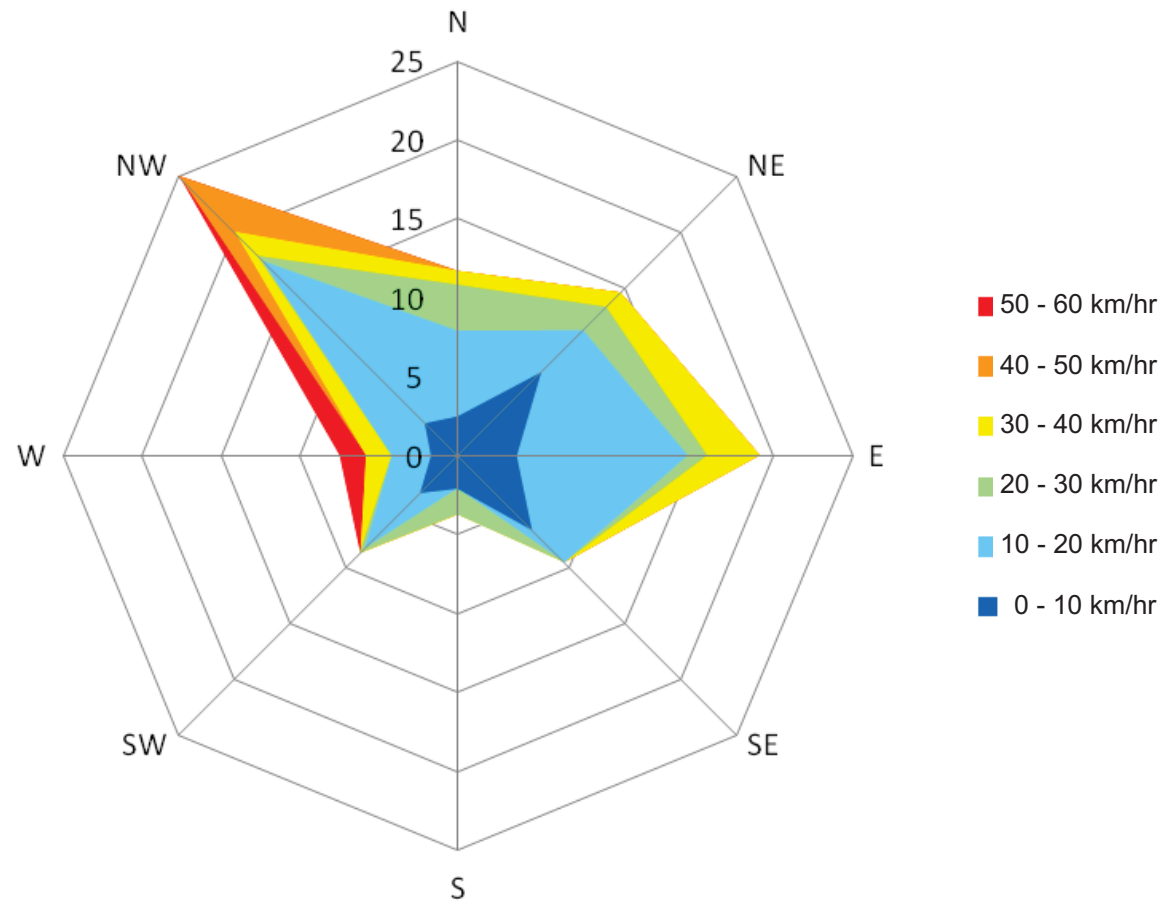


Figure 3.6 Percentages of occurrence of each species within the different distance categories around a turbine.

Project No. 592	Scale As Shown
Location Ramea, NL	Date December 2012





Note: Numbers 0 - 25 are proportions. Adding the proportions at each of the eight compass directions will sum to 100.

Figure 3.7 Cumulative proportions of wind directions and speeds (km/hr) during point count surveys.

Project No. 592	Scale As Shown
Location Ramea, NL	Date December 2012



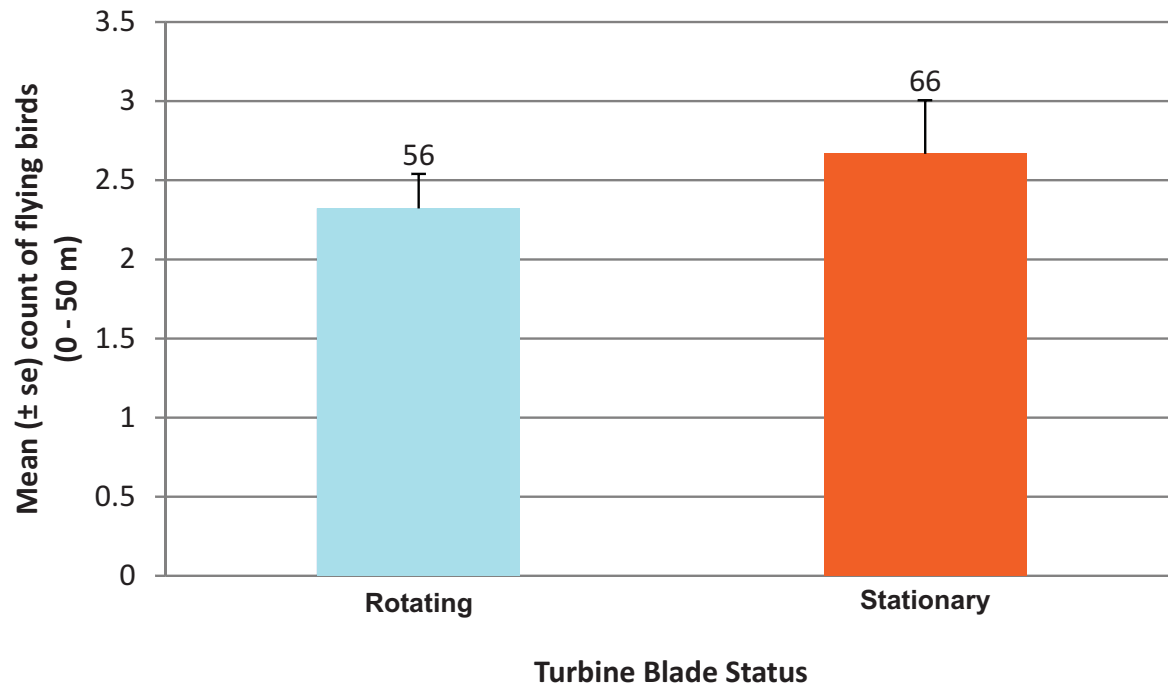



Figure 3.8 Comparison of mean count of flying birds within 50 m of rotating and stationary turbines.

Project No. 592	Scale As Shown	
Location Ramea, NL	Date December 2012	

4.0 DISCUSSION

4.1 Potential Influences of Wind Turbines on Birds

The installation of wind turbine developments can impose multiple influences on avian species. These include direct mortality associated with collisions, as well as indirect influences involving displacement due to disturbance, habitat loss and barrier effects (Drewitt and Langston 2006).

In terms of direct mortality, collisions with wind turbines and associated structures have indicated relatively low levels of mortality, though many of these assessments were based solely on corpse detections and did not account for losses due to observer detection rates or scavenger/predator removals (Drewitt and Langston 2006). The carcass experiments employed in the current project were used to generate corrections for both observer detection rates and scavenger/predator removals.

The flight patterns and habitat preferences of birds are determinants of their interactions with turbines and with wind energy development sites. For instance, the directed relatively straight flight paths of Auks (i.e., Dovekies, Murres, Puffins) might put them at risk of collision if flying near a turbine. Such consideration would clearly apply most directly to near-shore and offshore marine installations.

Some species, such as birds of prey, especially soaring species such as vultures, are often quite vulnerable to turbine collisions (Barrios and Rodríguez 2004, Carrete et al. 2011). Clearly for these species and other, it is important to not position turbine installations near nesting sites, movement corridors and migration routes (Drewitt and Langston 2006).

The primary mitigation for these types of circumstances focuses on pre-construction assessments of appropriate and inappropriate locations for developments (Barrios and Rodríguez 2004). Once installations are in place, mitigation tactics are much more limited. These options can include reducing associated and nearby nocturnal lighting (Montevecchi 2007) and reducing rotation speed and time by increasing turbine onset speeds during periods of increased animal movements and concentrations (Arnett et al. 2011).

4.2 Potential Influences of Ramea Wind-Hydrogen-Diesel Facility on Birds

The monitoring program at the Nalcor Wind Energy site at Ramea has shown that avian mortality is associated with the turbines. Overall estimated collision rates ranged from 0.35 to 0.65 bird strikes/month or four to eight bird collisions per year (one to three collisions/turbine/annum). These rates compared with known collision rates for terrestrial turbines which range from 0.1 to 23 collisions/turbine/annum (Drewitt and Langston 2006 et al. 2006). No remains were from species with populations that are at risk. Avian mortality (and near-turbine flights) showed no associations with season, turbine run times, or fog.

The details of avian occurrences at the TSA and CS are as follows:

Northwesterly winds were the dominant wind during point counts and the strongest winds came from the west and northwest directions. Forty-six avian species were recorded during point counts in the TSA, and 36 species were seen at the CS. The ratio of the total birds counted in the TSA and CS had a ratio close to the expected ratio of 3:1, given the three-fold differences between the number of point counts in the two areas. Otherwise, there were no differences between the TSA and CS.

Herring Gulls made up more than 70% of the total birds counted and together with Great Black-backed Gulls made up 80% of the all birds recorded. The only species with population at risk was the Harlequin Duck, and their inclusion involved a single count of three birds on the water more than a hundred metres from a turbine. Beyond the much more comprehensive coverage of the present project, there were no outstanding differences in comparison with the two-day nesting season pre-construction survey (Lang et al. 2007).

The highest incidences of birds occurred during October and November, primarily reflecting a migratory movement of Herring Gulls into the area. On a seasonal basis, there was a trend of increasing numbers of birds from winter through autumn. Most birds were recorded during fall and summer with lowest numbers during winter and intermediate numbers during spring. There were no seasonal differences between the TSA and CS.

On average, approximately three quarters of the birds counted in the TSA and CS were flying. Of these, about two birds per survey flew within 50 metres of a turbine and within 50 metres of the centre of the CS during point counts. The near-turbine flights showed no seasonal variation, though near-turbine flights were associated with strong northerly winds. A number of species nested in the TSA. These included Savannah Sparrows and likely Sora and Wilson's Snipe. Black Ducks and possibly Green-winged Teal nested in the nearby marshy pond and Common Eiders also nested in the area.

During carcass experiments, bird observers had a recovery rate of 80% of the available carcasses following scavenger/predator removals of 8% of the carcasses set out. Northern Ravens and feral cats were the primary scavenger/predators. The information derived from these experiments were used to derive the correction factor applied to the avian kills detected.

4.2.1 Risk for Different Avian Taxa and Species

Some species were more likely to fly near turbines than others. Savannah Sparrow, Snow Bunting, European Starling, Robin, Bald Eagle and Merlin all had 20% or more of their recorded flights within 50 metres of a turbine. Savannah Sparrows nested in the TSA and also had two of the 11 mortalities in the TSA, while none of the other species had any known collisions. All carcasses found near the turbines are assumed to be collision casualties. Some of the carcasses

were fresh. Only one direct strike was observed (after the termination of our study) by a local resident and reported to Mr. Northcott. It involved a Herring Gull that was struck by a rotor and severed in two (R. Northcott, personal communication).

Flight maneuverability likely puts birds like auks and seaducks at risk of collision even though they were very rarely recorded near turbines (e.g., Dovekie). This consideration is particularly relevant for marine wind energy installations. Birds of prey, including eagles, falcons and harriers, all exhibited proclivities to fly near turbines, and are species seemingly at high risk of collision. Species of gulls which had relatively few near-turbine flights, are likely to incur collision mortalities owing to the sheer abundance of these birds in the area.

4.2.2 Recommendations for Monitoring and Mitigation

One of the most important aspects of the monitoring project at the Ramea WHD facility has been the cooperation with onsite collaborators. Our resident bird observers, Richard Northcott and Gloria Northcott, who are well-grounded in bird watching, their local and seasonal occurrences and natural history, were essential and excellent members of the research team. Because information flow is the most essential aspect of mitigation, it would be extremely useful to maintain contact with the local observers and to establish a long-term monthly maintenance monitoring program involving monthly point counts and carcass searches and to report on episodic occurrences such as bird strikes. This approach would help ensure the type of comprehensive coverage that is needed to detect episodic occurrences. This approach would also benefit the community of Ramea by integrating residents into environmental monitoring.

Other options for more remote monitoring could involve the use of radar systems to detect collisions and near-turbine fly-bys (Drewitt and Langston, 2006).

There are a number of structural mitigation measures that could be explored to reduce collision risk. Painting the tips of blades or entire blades might be considered as an option for increasing rotor visibility to diurnal birds.

The brightly illuminated Nalcor control facility near Turbine 3 (WG9) may be attracting nocturnal birds and migrants. The light intensity could be reduced and projected downward where it is needed rather than upward. The remains of a Leach's Storm-Petrel, a nocturnally active species, were found at Turbine 3 (WG9), adjacent to the bright light of the control facility.

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5.0 SUMMARY AND CONCLUSIONS

5.1 Summary

The 23-month (May 27, 2010 - April 30, 2012) monitoring program was executed at the Nalcor WHD Energy Installation on Ramea as planned with slight experimental design modifications owing to observer safety concerns (avoiding snow and ice on the boulder screen below Turbine 3). Local community bird observers and naturalists conducted the monitoring, under the supervision and direction of Dr. William Montevecchi, an internationally recognized bird research scientist from Memorial University.

From May 27, 2010 through April 30, 2012, a continuous series of year-round weekly and monthly surveys and seasonal scavenger removal and carcass detection experiments were used to assess turbine influences on bird behaviour and collisions at three turbines in the Turbine Study Area and in a comparable non-adjacent Control Site (non-turbine site). Overall estimated collision rates for the three turbines ranged from 0.35 to 0.65 bird strikes/month or four to eight bird collisions per year (one to three collisions/turbine/annum). These rates compare with known collision rates, which range from 0.1 to 23 collisions/turbine/annum, for local avian species occurrences at wind energy installations (turbines) at terrestrial locations (Drewitt and Langston, 2006).

Bird occurrences in the present project were comparable with those reported in a two-day pre-construction nesting season survey (Lang et al. 2007). The number of birds observed in the Turbine Study Area and Control Site were consistent, with an expected 3:1 ratio based on the number of point counts taken and differences in the area covered by the bird surveys at the Turbine Study Area and Control Site. A seasonal trend of increasing numbers of birds from winter to spring to summer through autumn was found. This trend was consistent between the Turbine Study Area and Control Site. No evidence was found for seasonal variation in collisions or near-turbine flight (within 50 m) occurrences. The number of flights close to turbines was not associated with rotor activity or inactivity.

On the basis of near-turbine flights, Savannah Sparrows, Snow Buntings, European Starlings, Robins, Bald Eagles, Merlins and other birds of prey were considered to have a higher risk for collisions than other species.

Fracflow and Nalcor are committed to providing a healthy and safe work place for their employees and take a proactive role in preventing occupational illness and injury. The bird monitors complied with applicable Acts and Regulations and followed all policies, procedures, rules and instructions prescribed for this project by Fracflow and Nalcor personnel. On-site safety issues identified throughout the course of the project were immediately addressed, resulting in zero illnesses, safety incidents or accidents.

Mitigation procedures and possible turbine operational improvements are recommended for ongoing operations.

Furthermore, because the project is the most comprehensive systematic study of the influences of wind turbines on birds in Newfoundland and Labrador, it is recommended that the results be published in a peer-reviewed scientific journal.

5.2 Conclusions

This project is the most comprehensive investigation of the interactions of birds and wind turbines in the Province.

The monitoring research to date indicates a low risk of mortality of birds at the TSA of the Nalcor Wind-Hydrogen-Diesel installation on Ramea.

No SARA species of concern were found to be at risk. More generally, the low levels of mortality detected and estimated, indicate that no species are at risk of population level effects.

Yet, because mortality associated with man-made structures tends to be episodic in occurrence, it is important to establish an ongoing long-term monitoring program. This could be most effectively done through integration of on-site resident monitors. The possible use of radar systems to detect flying birds near turbine sites could also be explored.

Mitigation possibilities with respect to lighting near turbines and possible enhancement of rotor blade visibility to diurnal birds are suggested.

6.0 REFERENCES

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APPENDIX A

Bird Survey Record Sheet

Recording Sheet for Systematic Bird Counts

Site Conditions

Operational Status of Wind Turbines

Location: Turbine Number _____

Observation Date: _____

Rotating blades: _____ (Yes) (No)

Operational but not rotating _____ (Yes) (No)

Undergoing maintenance, not rotating _____ (Yes) (No)

Activity or noise at turbine site _____ (Yes) (No)

Food Sources

Insects present: _____ in air (Yes) (No) _____ on ground (Yes) (No)

Type(s) : _____

Berries present _____ (Yes) (No)

Type(s) : _____

Community bird feeders active: _____ (Yes) (No)

Incinerator operating/smoking: _____ (Yes) (No)

Trash being dumped: _____ (Yes) (No)

Community Activities

Status of fishing operation: _____

What fisheries operating: _____

Abnormal noise: _____

Number of other peoples in/adjacent to or walking through the survey area : _____

Vehicles/quads moving around the survey area: _____

INSTRUCTIONS

Begin all counts within 30 minutes of sunrise as per Port aux Basque on Weather Channel
Counts should not be initiated during rain or high wind conditions, reschedule to next day
Maintain retrieved carcasses in freezer storage

Immediately report any unusual occurrences or problems to:

- o Bill Montevecchi (693-5305 cell, 737-7673 office, 895-2901 home)

If not available

- o John Gale (685-0721 cell, 739-7270 office, 753-4736 home)

Note weekly any unusual or uncommon bird species or activity as noted via casual observation or reports in town and on the island

At end of each bird count fax results as recorded on these sheets using NL Hydro fax to:

Bill Montevecchi (709-737-4000), and John Gale (709-753-5101)

Start surveys at locations as per "Table of Start Locations"

Note the condition of day below if delayed due to weather or wind

o [Bill Montevecchi at mont@mun.ca](mailto:Bill.Montevecchi@mun.ca)

o [John Gale at john_ffc@nflid.net](mailto:John.Gale@john_ffc@nflid.net)

Carcass search record

Turbine No _____

Date of Search: (Month, Day, Year) _____

Start Time of search: (24:00 hr clock) _____ Page _____ of _____

Carcass number	Species	Location		Condition and or notes (Whole) (Partial; head, torso, wings, legs, bones) (Feathers only)
		Degrees	Distance from tower, meters	
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Use additional sheets as required if greater than 10 carcasses

Check box at right if no carcasses observed or recovered

Weather Conditions previous

Day	Night	Notes
Sunny	Moon light	
Cloudy	Stars	
Foggy	Cloudy	

Visibility, estimated km
 Precipitation rain, mm
 snow, cm
 other, ie hail, sleet etc
 Temperature, High, deg C
 Low, deg C

General comments re weather since last search:

Fax this sheet immediately after completion of carcass search with completed Recording Sheet for Systematic Bird Count to

Bill Montevecchi at 737-4000 and John Gale at 753-5101

MAINTAIN RETRIEVED CARCASSES OR PARTS IN FREEZER STORAGE

Search completed by: _____ (Richard Northcott or Gloria Northcott): Signature

Time at which search was completed _____

Weather conditions at time of search Sunny, overcast, mist, fog etc.

APPENDIX B

Count Data for All Surveys, 2010 - 2012

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Canada Goose	1	> 100 m	F	W	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Herring Gull	1	> 100 m	F	N	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Great Black-backed Gull	1	> 100 m	F	N	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	American Crow	1	> 100 m	F	E	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Savannah Sparrow	1	0 - 50 m	F	N	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Herring Gull	2	> 100 m	F	E	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Great Black-backed Gull	2	> 100 m	F	E	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Savannah Sparrow	2	0 - 50 m	F	E	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Herring Gull	3	> 100 m	F	S	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Great Black-backed Gull	3	> 100 m	F	W	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Herring Gull	4	> 100 m	F	S	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Herring Gull	5	> 100 m	F	W	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Herring Gull	6	> 100 m	F	W	1
1	27/05/2010	2010	5	spring	6:10	T1	TSA	C	NW	15	5	Herring Gull	7	> 100 m	F	W	1
2	27/05/2010	2010	5	spring	7:10	T2	TSA	C	NW	15	5	Double-crested Cormorant	1	> 100 m	F	E	13
2	27/05/2010	2010	5	spring	7:10	T2	TSA	C	NW	15	5	Herring Gull	1	0 - 50 m	F	N	1
2	27/05/2010	2010	5	spring	7:10	T2	TSA	C	NW	15	5	Great Black-backed Gull	1	> 100 m	F	N	1
2	27/05/2010	2010	5	spring	7:10	T2	TSA	C	NW	15	5	Common Raven	1	0 - 50 m	F	E	1
2	27/05/2010	2010	5	spring	7:10	T2	TSA	C	NW	15	5	Savannah Sparrow	1	0 - 50 m	F	E	1
2	27/05/2010	2010	5	spring	7:10	T2	TSA	C	NW	15	5	Herring Gull	2	> 100 m	F	N	1
2	27/05/2010	2010	5	spring	7:10	T2	TSA	C	NW	15	5	Great Black-backed Gull	2	> 100 m	F	W	1
2	27/05/2010	2010	5	spring	7:10	T2	TSA	C	NW	15	5	Herring Gull	3	> 100 m	F	E	1
2	27/05/2010	2010	5	spring	7:10	T2	TSA	C	NW	15	5	Herring Gull	4	> 100 m	F	W	1
2	27/05/2010	2010	5	spring	7:10	T2	TSA	C	NW	15	5	Herring Gull	5	> 100 m	F	W	1
2	27/05/2010	2010	5	spring	7:10	T2	TSA	C	NW	15	5	Herring Gull	6	> 100 m	F	W	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Black Duck	1	> 100 m	F	N	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Greater Yellowlegs	1	50 - 100 m	F	E	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Herring Gull	1	> 100 m	F	N	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Great Black-backed Gull	1	> 100 m	F	N	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	American Crow	1	> 100 m	F	SE	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Common Raven	1	0 - 50 m	F	E	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Savannah Sparrow	1	0 - 50 m	F	W	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Herring Gull	2	> 100 m	F	N	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Great Black-backed Gull	2	> 100 m	F	E	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Common Raven	2	0 - 50 m	F	W	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Herring Gull	3	> 100 m	F	E	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Common Raven	3	0 - 50 m	F	W	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Herring Gull	4	> 100 m	F	SE	1
3	27/05/2010	2010	5	spring	7:58	T3	TSA	C	NW	15	5	Herring Gull	5	> 100 m	F	W	1
4	27/05/2010	2010	5	spring	13:50	Control	CS	C	NE	15	7	Eider sp.	1	> 100 m	F	NA	1
4	27/05/2010	2010	5	spring	13:50	Control	CS	C	NE	15	7	Herring Gull	1	0 - 50 m	F	NA	1
4	27/05/2010	2010	5	spring	13:50	Control	CS	C	NE	15	7	Great Black-backed Gull	1	0 - 50 m	F	NA	2
4	27/05/2010	2010	5	spring	13:50	Control	CS	C	NE	15	7	Common Raven	1	50 - 100 m	F	NA	1
4	27/05/2010	2010	5	spring	13:50	Control	CS	C	NE	15	7	American Robin	1	0 - 50 m	F	NA	1
4	27/05/2010	2010	5	spring	13:50	Control	CS	C	NE	15	7	Herring Gull	2	50 - 100 m	F	NA	1
4	27/05/2010	2010	5	spring	13:50	Control	CS	C	NE	15	7	Great Black-backed Gull	2	50 - 100 m	F	NA	1
4	27/05/2010	2010	5	spring	13:50	Control	CS	C	NE	15	7	American Robin	2	0 - 50 m	F	NA	1
4	27/05/2010	2010	5	spring	13:50	Control	CS	C	NE	15	7	Herring Gull	3	50 - 100 m	F	NA	13
4	27/05/2010	2010	5	spring	13:50	Control	CS	C	NE	15	7	Herring Gull	4	> 100 m	F	NA	40
4	27/05/2010	2010	5	spring	13:50	Control	CS	C	NE	15	7	Herring Gull	5	> 100 m	F	NA	5
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	Common Loon	1	> 100 m	G	NA	1
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	Herring Gull	1	> 100 m	G	NA	4
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	Great Black-backed Gull	1	> 100 m	F	NA	1
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	Common Raven	1	> 100 m	F	NA	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	American Robin	1	0 - 50 m	G	NA	3
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	Herring Gull	2	> 100 m	G	NA	5
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	Common Raven	2	> 100 m	F	NA	2
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	American Robin	2	0 - 50 m	G	NA	1
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	Herring Gull	3	50 - 100 m	F	NA	1
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	Common Raven	3	> 100 m	F	NA	1
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	American Robin	3	0 - 50 m	F	NA	1
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	Herring Gull	4	> 100 m	F	NA	3
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	American Robin	4	50 - 100 m	F	NA	1
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	Herring Gull	5	> 100 m	F	NA	3
5	06/02/2010	2010	6	spring	6:44	T1	TSA	C	E	15	5	Herring Gull	6	> 100 m	F	NA	2
6	06/02/2010	2010	6	spring	NA	T2	TSA	C	E	15	5	Herring Gull	1	50 - 100 m	F	NA	1
6	06/02/2010	2010	6	spring	NA	T2	TSA	C	E	15	5	Common Raven	1	> 100 m	F	NA	1
6	06/02/2010	2010	6	spring	NA	T2	TSA	C	E	15	5	Herring Gull	2	> 100 m	F	NA	2
6	06/02/2010	2010	6	spring	NA	T2	TSA	C	E	15	5	Common Raven	2	> 100 m	F	NA	2
6	06/02/2010	2010	6	spring	NA	T2	TSA	C	E	15	5	Common Raven	3	> 100 m	F	NA	1
7	06/02/2010	2010	6	spring	5:50	T3	TSA	C	E	15	5	Double-crested Cormorant	1	> 100 m	G	NA	1
7	06/02/2010	2010	6	spring	5:50	T3	TSA	C	E	15	5	Herring Gull	1	50 - 100 m	G	NA	2
7	06/02/2010	2010	6	spring	5:50	T3	TSA	C	E	15	5	Great Black-backed Gull	1	50 - 100 m	G	NA	1
7	06/02/2010	2010	6	spring	5:50	T3	TSA	C	E	15	5	American Robin	1	0 - 50 m	F	NA	1
7	06/02/2010	2010	6	spring	5:50	T3	TSA	C	E	15	5	Herring Gull	2	> 100 m	G	NA	1
7	06/02/2010	2010	6	spring	5:50	T3	TSA	C	E	15	5	Great Black-backed Gull	2	> 100 m	G	NA	1
7	06/02/2010	2010	6	spring	5:50	T3	TSA	C	E	15	5	Herring Gull	3	> 100 m	G	NA	3
7	06/02/2010	2010	6	spring	5:50	T3	TSA	C	E	15	5	Great Black-backed Gull	3	> 100 m	G	NA	1
7	06/02/2010	2010	6	spring	5:50	T3	TSA	C	E	15	5	Herring Gull	4	0 - 50 m	F	NA	1
7	06/02/2010	2010	6	spring	5:50	T3	TSA	C	E	15	5	Herring Gull	5	50 - 100 m	F	NA	1
7	06/02/2010	2010	6	spring	5:50	T3	TSA	C	E	15	5	Herring Gull	6	> 100 m	F	NA	1
7	06/02/2010	2010	6	spring	5:50	T3	TSA	C	E	15	5	Herring Gull	7	> 100 m	F	NA	3
8	06/02/2010	2010	6	spring	10:36	Control	CS	C	E	15	11	Red-breasted Merganser	1	> 100 m	G	NA	2
8	06/02/2010	2010	6	spring	10:36	Control	CS	C	E	15	11	Herring Gull	1	> 100 m	G	NA	40
8	06/02/2010	2010	6	spring	10:36	Control	CS	C	E	15	11	Black Guillemot	1	> 100 m	F	NA	1
8	06/02/2010	2010	6	spring	10:36	Control	CS	C	E	15	11	Common Raven	1	50 - 100 m	F	NA	1
8	06/02/2010	2010	6	spring	10:36	Control	CS	C	E	15	11	American Robin	1	0 - 50 m	G	NA	1
8	06/02/2010	2010	6	spring	10:36	Control	CS	C	E	15	11	Savannah Sparrow	1	0 - 50 m	F	NA	1
8	06/02/2010	2010	6	spring	10:36	Control	CS	C	E	15	11	Herring Gull	2	50 - 100 m	F	NA	3
8	06/02/2010	2010	6	spring	10:36	Control	CS	C	E	15	11	American Robin	2	0 - 50 m	F	NA	1
8	06/02/2010	2010	6	spring	10:36	Control	CS	C	E	15	11	Herring Gull	3	50 - 100 m	F	NA	1
8	06/02/2010	2010	6	spring	10:36	Control	CS	C	E	15	11	Herring Gull	4	50 - 100 m	F	NA	1
8	06/02/2010	2010	6	spring	10:36	Control	CS	C	E	15	11	Herring Gull	5	> 100 m	F	NA	5
8	06/02/2010	2010	6	spring	10:36	Control	CS	C	E	15	11	Herring Gull	6	> 100 m	F	NA	7
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Black Duck	1	0 - 50 m	F	SW	2
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Common Loon	1	> 100 m	F	NA	3
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	1	50 - 100 m	F	W	1
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Common Raven	1	NA	F	E	1
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	2	50 - 100 m	F	NW	1
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	3	> 100 m	F	NW	13
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	4	> 100 m	F	SW	3
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	5	> 100 m	F	SE	2
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	6	> 100 m	F	NE	2
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	7	> 100 m	F	W	1
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	8	> 100 m	F	N	1
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	9	> 100 m	F	N	3
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	10	> 100 m	F	NE	3
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	11	> 100 m	F	NA	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	12	> 100 m	G	NE	53
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	13	> 100 m	F	NE	3
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	14	> 100 m	F	N	1
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	15	> 100 m	F	W	1
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	16	> 100 m	F	NW	1
9	06/09/2010	2010	6	spring	4:55	T1	TSA	C	NW	15	3	Herring Gull	17	> 100 m	F	SW	3
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Black Duck	1	> 100 m	G	N	2
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Double-crested Cormorant	1	> 100 m	G	N	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	1	50 - 100 m	F	W	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Great Black-backed Gull	1	> 100 m	G	N	2
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Common Raven	1	NA	F	NE	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	American Robin	1	0 - 50 m	G	SW	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Black Duck	2	> 100 m	F	NW	2
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Double-crested Cormorant	2	> 100 m	F	NE	2
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	2	> 100 m	G	E	2
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Great Black-backed Gull	2	> 100 m	F	NW	2
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	3	> 100 m	F	NE	2
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	4	> 100 m	F	N	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	5	> 100 m	F	W	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	6	> 100 m	G	NE	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	7	> 100 m	F	NW	2
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	8	> 100 m	F	NW	2
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	9	> 100 m	F	N	2
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	10	> 100 m	F	SW	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	11	> 100 m	F	W	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	12	> 100 m	F	E	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	13	> 100 m	F	W	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	14	> 100 m	F	NW	9
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	15	> 100 m	G	E	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	16	> 100 m	G	W	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	17	> 100 m	F	N	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	18	> 100 m	F	W	1
10	06/09/2010	2010	6	spring	5:41	T2	TSA	C	NW	15	3	Herring Gull	19	> 100 m	F	NW	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Black Duck	1	> 100 m	G	NE	10
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Herring Gull	1	> 100 m	G	NE	2
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Great Black-backed Gull	1	> 100 m	G	NE	2
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Black Guillemot	1	> 100 m	F	N	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Common Raven	1	> 100 m	F	NW	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	American Robin	1	0 - 50 m	G	E	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	American Redstart	1	0 - 50 m	G	NW	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Warbler sp.	1	0 - 50 m	G	NW	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Black Duck	2	> 100 m	F	NE	2
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Herring Gull	2	> 100 m	F	E	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Great Black-backed Gull	2	> 100 m	F	N	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Common Raven	2	> 100 m	F	NW	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	American Robin	2	0 - 50 m	G	E	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Black Duck	3	> 100 m	F	NE	3
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Herring Gull	3	> 100 m	F	NE	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Great Black-backed Gull	3	> 100 m	F	E	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	American Robin	3	0 - 50 m	G	SW	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Herring Gull	4	> 100 m	F	N	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Great Black-backed Gull	4	> 100 m	F	NE	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	American Robin	4	0 - 50 m	F	E	11
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Herring Gull	5	> 100 m	F	SW	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Great Black-backed Gull	5	> 100 m	F	NE	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	American Robin	5	0 - 50 m	G	NW	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	Great Black-backed Gull	6	> 100 m	F	SW	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	American Robin	6	50 - 100 m	F	N	1
11	06/09/2010	2010	6	spring	8:14	T3	TSA	C	NW	50	3	American Robin	7	50 - 100 m	G	W	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Northern Gannet	1	> 100 m	F	W	2
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Double-crested Cormorant	1	> 100 m	G	NW	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Herring Gull	1	0 - 50 m	F	S	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Great Black-backed Gull	1	0 - 50 m	F	W	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Common Raven	1	> 100 m	F	S	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	American Robin	1	0 - 50 m	F	S	2
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Northern Gannet	2	> 100 m	F	N	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Double-crested Cormorant	2	> 100 m	F	N	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Herring Gull	2	50 - 100 m	F	NW	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Great Black-backed Gull	2	50 - 100 m	F	SW	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Northern Gannet	3	> 100 m	F	NW	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Herring Gull	3	50 - 100 m	F	S	2
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Great Black-backed Gull	3	50 - 100 m	F	NW	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Herring Gull	4	> 100 m	F	NW	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Great Black-backed Gull	4	> 100 m	F	W	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Herring Gull	5	> 100 m	F	N	2
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Great Black-backed Gull	5	> 100 m	F	W	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Herring Gull	6	> 100 m	F	SW	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Great Black-backed Gull	6	> 100 m	F	NW	1
12	06/09/2010	2010	6	spring	6:58	Control	CS	C	NW	50	3	Herring Gull	7	> 100 m	F	NE	1
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Ring-billed Gull	1	> 100 m	F	NE	1
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Herring Gull	1	50 - 100 m	F	N	1
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Great Black-backed Gull	1	0 - 50 m	F	E	2
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Common Raven	1	> 100 m	F	SE	1
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	American Robin	1	50 - 100 m	G	SE	1
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Ring-billed Gull	2	> 100 m	F	NW	5
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Herring Gull	2	> 100 m	F	E	3
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Great Black-backed Gull	2	0 - 50 m	F	W	5
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Herring Gull	3	> 100 m	F	N	3
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Great Black-backed Gull	3	0 - 50 m	F	NE	1
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Herring Gull	4	> 100 m	F	NW	2
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Great Black-backed Gull	4	50 - 100 m	F	S	1
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Herring Gull	5	> 100 m	F	NE	2
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Great Black-backed Gull	5	50 - 100 m	F	W	1
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Herring Gull	6	> 100 m	F	S	1
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Great Black-backed Gull	6	50 - 100 m	F	N	1
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Herring Gull	7	> 100 m	F	NW	5
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Great Black-backed Gull	7	> 100 m	F	NW	1
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Great Black-backed Gull	8	> 100 m	F	NW	2
13	16/06/2010	2010	6	spring	8:15	T1	TSA	C	NW	50	8	Great Black-backed Gull	9	> 100 m	F	NW	3
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Black Duck	1	> 100 m	F	N	2
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Ring-billed Gull	1	50 - 100 m	G	NE	1
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	1	0 - 50 m	F	S	1
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Great Black-backed Gull	1	0 - 50 m	F	N	1
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Common Raven	1	50 - 100 m	G	SW	2
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	American Robin	1	0 - 50 m	G	NE	1
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	2	50 - 100 m	F	N	1
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Great Black-backed Gull	2	50 - 100 m	F	N	1
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	American Robin	2	0 - 50 m	G	SE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	3	50 - 100 m	F	NW	1
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Great Black-backed Gull	3	> 100 m	F	NE	5
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	4	> 100 m	F	W	9
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Great Black-backed Gull	4	> 100 m	F	NW	3
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	5	> 100 m	F	NW	4
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	6	> 100 m	F	SW	4
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	7	> 100 m	F	NE	1
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	8	> 100 m	F	NW	3
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	9	> 100 m	F	NW	13
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	10	> 100 m	F	S	1
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	11	> 100 m	F	W	8
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	12	> 100 m	F	N	6
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	13	> 100 m	F	E	1
14	16/06/2010	2010	6	spring	5:40	T2	TSA	C	NW	50	7	Herring Gull	14	> 100 m	F	NW	4
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Red-breasted Merganser	1	> 100 m	F	N	1
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Greater Yellowlegs	1	0 - 50 m	G	E	1
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	1	0 - 50 m	F	S	1
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Herring Gull	1	50 - 100 m	F	E	1
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Common Raven	1	0 - 50 m	F	E	1
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Savannah Sparrow	1	0 - 50 m	G	E	1
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	2	50 - 100 m	F	N	1
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Herring Gull	2	> 100 m	F	NW	4
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	3	50 - 100 m	F	E	1
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	4	50 - 100 m	F	N	6
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	5	50 - 100 m	G	E	3
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	6	50 - 100 m	F	N	2
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	7	50 - 100 m	F	E	1
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	8	> 100 m	F	N	1
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	9	> 100 m	F	NE	1
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	10	> 100 m	F	N	11
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	11	> 100 m	F	W	10
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	12	> 100 m	F	NW	4
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	13	> 100 m	G	E	1
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	14	> 100 m	F	E	3
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	15	> 100 m	F	W	5
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	16	> 100 m	F	NE	4
15	16/06/2010	2010	6	spring	4:50	T3	TSA	C	NW	50	7	Ring-billed Gull	17	> 100 m	F	N	3
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Double-crested Cormorant	1	> 100 m	F	NW	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Wilson's Snipe	1	> 100 m	F	N	6
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	1	0 - 50 m	F	S	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Herring Gull	1	0 - 50 m	F	NW	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Savannah Sparrow	1	50 - 100 m	G	NE	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	2	0 - 50 m	F	NW	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Herring Gull	2	> 100 m	G	NE	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	3	0 - 50 m	F	S	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Herring Gull	3	> 100 m	F	NW	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	4	50 - 100 m	F	NW	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Herring Gull	4	> 100 m	F	W	2
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	5	50 - 100 m	F	NW	5
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Herring Gull	5	> 100 m	F	N	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	6	> 100 m	G	NE	20
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Herring Gull	6	> 100 m	F	NW	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	7	> 100 m	F	W	10
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Herring Gull	7	> 100 m	F	NE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	8	> 100 m	F	N	2
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	9	> 100 m	F	SW	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	10	> 100 m	F	NE	4
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	11	> 100 m	F	NW	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	12	> 100 m	F	N	4
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	13	> 100 m	F	W	4
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	14	> 100 m	G	NW	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	15	> 100 m	F	NE	1
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	16	> 100 m	F	NW	25
16	16/06/2010	2010	6	spring	6:58	Control	CS	C	NW	50	8	Ring-billed Gull	17	> 100 m	F	W	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Black Duck	1	> 100 m	F	NW	3
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Double-crested Cormorant	1	> 100 m	F	NW	9
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Spotted Sandpiper	1	50 - 100 m	G	NW	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Ring-billed Gull	1	50 - 100 m	G	SW	2
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	1	0 - 50 m	F	E	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Great Black-backed Gull	1	0 - 50 m	F	SW	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Black Guillemot	1	> 100 m	G	NW	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Common Raven	1	50 - 100 m	F	E	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Savannah Sparrow	1	50 - 100 m	G	N	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Black Duck	2	> 100 m	F	N	3
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Ring-billed Gull	2	50 - 100 m	G	SE	2
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	2	50 - 100 m	F	S	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Great Black-backed Gull	2	> 100 m	F	SW	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Common Raven	2	> 100 m	G	S	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Ring-billed Gull	3	50 - 100 m	G	W	2
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	3	50 - 100 m	F	NW	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Great Black-backed Gull	3	> 100 m	F	NW	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Common Raven	3	> 100 m	F	SE	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	4	50 - 100 m	F	N	2
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Great Black-backed Gull	4	> 100 m	G	W	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	5	50 - 100 m	F	E	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Great Black-backed Gull	5	> 100 m	G	N	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	6	> 100 m	F	W	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Great Black-backed Gull	6	> 100 m	G	NW	5
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	7	> 100 m	F	SE	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Great Black-backed Gull	7	> 100 m	F	N	3
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	8	> 100 m	F	NW	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	9	> 100 m	G	W	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	10	> 100 m	F	W	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	11	> 100 m	F	NW	2
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	12	> 100 m	F	S	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	13	> 100 m	F	E	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	14	> 100 m	G	NW	6
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	15	> 100 m	F	S	1
17	23/06/2010	2010	6	spring	5:29	T1	TSA	C	NA	0	7	Herring Gull	16	> 100 m	F	E	5
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Wilson's Snipe	1	NA	G	NA	1
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Herring Gull	1	50 - 100 m	G	NW	1
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Great Black-backed Gull	1	0 - 50 m	F	E	1
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Common Raven	1	> 100 m	F	S	2
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	American Robin	1	NA	G	SE	1
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Savannah Sparrow	1	> 100 m	F	NW	1
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Herring Gull	2	> 100 m	G	SW	3
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Great Black-backed Gull	2	0 - 50 m	F	N	5
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Herring Gull	3	> 100 m	F	NE	4

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Great Black-backed Gull	3	> 100 m	F	N	1
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Herring Gull	4	> 100 m	F	N	2
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Great Black-backed Gull	4	> 100 m	F	NE	4
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Herring Gull	5	> 100 m	F	NW	1
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Great Black-backed Gull	5	> 100 m	G	NW	8
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Herring Gull	6	> 100 m	F	SW	2
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Great Black-backed Gull	6	> 100 m	F	NW	1
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Herring Gull	7	> 100 m	F	NE	3
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Great Black-backed Gull	7	> 100 m	F	S	1
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Herring Gull	8	> 100 m	F	N	3
18	23/06/2010	2010	6	spring	4:46	T2	TSA	C	NA	0	7	Great Black-backed Gull	8	> 100 m	F	SW	2
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Herring Gull	1	50 - 100 m	G	NE	2
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Great Black-backed Gull	1	0 - 50 m	G	E	1
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Savannah Sparrow	1	0 - 50 m	F	N	1
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Herring Gull	2	50 - 100 m	F	W	1
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Great Black-backed Gull	2	> 100 m	F	NW	2
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Savannah Sparrow	2	0 - 50 m	F	NW	1
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Herring Gull	3	> 100 m	F	NE	2
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Great Black-backed Gull	3	> 100 m	F	NE	1
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Savannah Sparrow	3	0 - 50 m	F	E	1
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Herring Gull	4	> 100 m	F	SE	1
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Great Black-backed Gull	4	> 100 m	F	E	1
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Herring Gull	5	> 100 m	F	E	1
19	23/06/2010	2010	6	spring	7:59	T3	TSA	C	NA	0	8.5	Herring Gull	6	> 100 m	F	E	2
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Eider sp.	1	50 - 100 m	F	NW	3
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Common Loon	1	> 100 m	F	NW	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Double-crested Cormorant	1	50 - 100 m	F	N	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Herring Gull	1	50 - 100 m	F	SW	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Great Black-backed Gull	1	> 100 m	F	NE	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Common Murre	1	> 100 m	F	NW	10
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Black Guillemot	1	> 100 m	G	NW	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Common Raven	1	> 100 m	G	SW	4
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Savannah Sparrow	1	50 - 100 m	G	N	2
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Fox Sparrow	1	50 - 100 m	G	SW	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Common Loon	2	> 100 m	G	N	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Double-crested Cormorant	2	> 100 m	G	NW	2
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Herring Gull	2	> 100 m	G	E	4
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Great Black-backed Gull	2	> 100 m	F	S	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Black Guillemot	2	> 100 m	G	NW	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Common Raven	2	> 100 m	F	NE	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Double-crested Cormorant	3	> 100 m	F	NE	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Herring Gull	3	> 100 m	F	SE	2
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Black Guillemot	3	> 100 m	F	NW	2
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Herring Gull	4	> 100 m	F	NW	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Herring Gull	5	> 100 m	F	E	2
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Herring Gull	6	> 100 m	F	N	5
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Herring Gull	7	> 100 m	F	NE	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Herring Gull	8	> 100 m	G	NE	2
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Herring Gull	9	> 100 m	F	SW	1
20	23/06/2010	2010	6	spring	6:47	Control	CS	C	NA	0	8	Herring Gull	10	> 100 m	F	NW	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Northern Gannet	1	> 100 m	F	N	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	1	0 - 50 m	F	E	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Great Black-backed Gull	1	50 - 100 m	F	E	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Common Raven	1	> 100 m	G	NE	5

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	2	50 - 100 m	F	NW	2
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Great Black-backed Gull	2	50 - 100 m	F	W	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	3	50 - 100 m	G	S	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Great Black-backed Gull	3	> 100 m	G	N	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	4	50 - 100 m	F	E	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Great Black-backed Gull	4	> 100 m	F	NW	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	5	> 100 m	G	SW	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Great Black-backed Gull	5	> 100 m	F	NW	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	6	> 100 m	G	N	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	7	> 100 m	F	E	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	8	> 100 m	F	SE	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	9	> 100 m	G	W	2
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	10	> 100 m	F	NW	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	11	> 100 m	F	W	2
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	12	> 100 m	F	N	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	13	> 100 m	F	NE	4
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	14	> 100 m	G	SW	4
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	15	> 100 m	G	N	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	16	> 100 m	F	NE	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	17	> 100 m	F	NW	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	18	> 100 m	F	SE	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	19	> 100 m	F	SW	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	20	> 100 m	F	E	1
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	21	> 100 m	F	N	2
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	22	> 100 m	F	NE	2
21	30/06/2010	2010	6	spring	7:03	T1	TSA	C	E	35	10	Herring Gull	23	> 100 m	F	NW	2
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Ring-billed Gull	1	> 100 m	G	NW	2
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	1	0 - 50 m	G	W	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Glaucous Gull	1	> 100 m	F	S	2
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Great Black-backed Gull	1	0 - 50 m	F	N	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Common Raven	1	> 100 m	F	NE	2
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Ring-billed Gull	2	> 100 m	G	N	2
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	2	50 - 100 m	F	E	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Great Black-backed Gull	2	50 - 100 m	F	SW	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	3	50 - 100 m	F	NW	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Great Black-backed Gull	3	50 - 100 m	F	E	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	4	> 100 m	F	NE	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Great Black-backed Gull	4	> 100 m	F	E	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	5	> 100 m	F	S	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Great Black-backed Gull	5	> 100 m	F	N	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	6	> 100 m	F	SW	3
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Great Black-backed Gull	6	> 100 m	G	N	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	7	> 100 m	F	NW	2
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Great Black-backed Gull	7	> 100 m	F	N	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	8	> 100 m	G	SW	2
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Great Black-backed Gull	8	> 100 m	F	NE	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	9	> 100 m	F	NW	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	10	> 100 m	F	SE	4
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	11	> 100 m	F	SW	2
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	12	> 100 m	G	NE	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	13	> 100 m	G	NW	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	14	> 100 m	F	NE	5
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	15	> 100 m	F	NW	1
22	30/06/2010	2010	6	spring	5:14	T2	TSA	C	E	35	10	Herring Gull	16	> 100 m	F	SE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Spotted Sandpiper	1	> 100 m	G	NE	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	1	0 - 50 m	F	W	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Great Black-backed Gull	1	50 - 100 m	G	NE	2
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Common Raven	1	50 - 100 m	F	NE	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Savannah Sparrow	1	50 - 100 m	G	NE	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	2	0 - 50 m	F	E	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Great Black-backed Gull	2	50 - 100 m	F	N	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Common Raven	2	50 - 100 m	F	SW	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	3	50 - 100 m	G	NE	2
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Great Black-backed Gull	3	> 100 m	F	NE	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Common Raven	3	50 - 100 m	G	E	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	4	50 - 100 m	F	NE	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Great Black-backed Gull	4	> 100 m	F	E	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Common Raven	4	> 100 m	F	NE	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	5	50 - 100 m	F	NE	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Great Black-backed Gull	5	> 100 m	F	N	2
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Common Raven	5	> 100 m	G	N	4
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	6	> 100 m	F	NE	3
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Great Black-backed Gull	6	> 100 m	F	E	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Common Raven	6	> 100 m	F	SW	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	7	> 100 m	F	N	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	8	> 100 m	F	E	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	9	> 100 m	F	NE	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	10	> 100 m	G	NW	2
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	11	> 100 m	F	SW	2
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	12	> 100 m	F	N	1
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	13	> 100 m	F	S	2
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	14	> 100 m	G	NE	2
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	15	> 100 m	F	N	2
23	30/06/2010	2010	6	spring	6:15	T3	TSA	C	E	35	10	Herring Gull	16	> 100 m	F	NE	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Black Duck	1	> 100 m	F	SE	2
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Common Loon	1	> 100 m	G	E	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Double-crested Cormorant	1	50 - 100 m	F	S	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	1	0 - 50 m	F	S	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Great Black-backed Gull	1	> 100 m	G	NW	2
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Black Guillemot	1	> 100 m	F	NW	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Common Raven	1	0 - 50 m	G	NW	2
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Savannah Sparrow	1	50 - 100 m	G	SW	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Fox Sparrow	1	0 - 50 m	G	E	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Common Loon	2	> 100 m	G	NW	2
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Double-crested Cormorant	2	50 - 100 m	F	S	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	2	50 - 100 m	F	N	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Great Black-backed Gull	2	> 100 m	F	N	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Common Raven	2	50 - 100 m	G	N	3
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Savannah Sparrow	2	50 - 100 m	G	NW	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Double-crested Cormorant	3	> 100 m	F	N	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	3	50 - 100 m	F	S	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Great Black-backed Gull	3	> 100 m	F	E	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Common Raven	3	> 100 m	G	SW	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Double-crested Cormorant	4	> 100 m	G	NW	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	4	> 100 m	G	NW	4
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Great Black-backed Gull	4	> 100 m	F	N	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Double-crested Cormorant	5	> 100 m	F	N	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	5	> 100 m	F	NE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Great Black-backed Gull	5	> 100 m	F	NW	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Double-crested Cormorant	6	> 100 m	F	S	NA
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	6	> 100 m	F	N	3
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Great Black-backed Gull	6	> 100 m	F	E	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	7	> 100 m	G	NE	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Great Black-backed Gull	7	> 100 m	F	SE	2
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	8	> 100 m	F	SE	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Great Black-backed Gull	8	> 100 m	F	N	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	9	> 100 m	F	NW	3
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Great Black-backed Gull	9	> 100 m	F	NW	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	10	> 100 m	F	E	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	11	> 100 m	F	NE	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	12	> 100 m	F	N	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	13	> 100 m	F	NE	1
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	14	> 100 m	F	SE	2
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	15	> 100 m	F	W	2
24	30/06/2010	2010	6	spring	8:25	Control	CS	C	E	35	10	Herring Gull	16	> 100 m	F	NW	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Eider sp.	1	> 100 m	F	NW	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Double-crested Cormorant	1	> 100 m	G	NW	3
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	1	50 - 100 m	F	W	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Great Black-backed Gull	1	> 100 m	F	NW	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Black Guillemot	1	> 100 m	F	NW	5
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Savannah Sparrow	1	0 - 50 m	G	SE	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Double-crested Cormorant	2	> 100 m	G	NW	2
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	2	> 100 m	G	W	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Great Black-backed Gull	2	> 100 m	F	NW	2
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	3	> 100 m	F	NE	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Great Black-backed Gull	3	> 100 m	F	NW	3
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	4	> 100 m	F	W	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Great Black-backed Gull	4	> 100 m	G	NW	3
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	5	> 100 m	F	SE	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Great Black-backed Gull	5	> 100 m	F	SW	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	6	> 100 m	F	E	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Great Black-backed Gull	6	> 100 m	F	SW	2
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	7	> 100 m	F	SW	3
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Great Black-backed Gull	7	> 100 m	F	NW	2
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	8	> 100 m	F	S	2
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	9	> 100 m	G	NW	2
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	10	> 100 m	F	NW	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	11	> 100 m	F	S	4
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	12	> 100 m	F	N	1
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	13	> 100 m	F	SW	2
25	07/07/2010	2010	7	summer	7:07	T1	TSA	C	NA	0	11	Herring Gull	14	> 100 m	F	S	2
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Double-crested Cormorant	1	> 100 m	F	NW	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Greater Yellowlegs	1	> 100 m	F	NW	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	1	0 - 50 m	F	E	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Great Black-backed Gull	1	> 100 m	G	NW	3
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Common Raven	1	> 100 m	F	NE	2
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Savannah Sparrow	1	0 - 50 m	G	E	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	2	50 - 100 m	G	N	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Great Black-backed Gull	2	> 100 m	F	NW	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Savannah Sparrow	2	50 - 100 m	G	N	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	3	> 100 m	F	SE	2
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Great Black-backed Gull	3	> 100 m	F	SW	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	4	> 100 m	F	S	2
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Great Black-backed Gull	4	> 100 m	F	N	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	5	> 100 m	F	SW	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Great Black-backed Gull	5	> 100 m	F	E	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	6	> 100 m	F	E	5
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Great Black-backed Gull	6	> 100 m	F	N	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	7	> 100 m	F	NE	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	8	> 100 m	F	E	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	9	> 100 m	F	NE	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	10	> 100 m	G	W	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	11	> 100 m	G	NE	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	12	> 100 m	F	S	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	13	> 100 m	F	E	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	14	> 100 m	F	SE	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	15	> 100 m	F	NE	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	16	> 100 m	F	SW	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	17	> 100 m	F	NW	3
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	18	> 100 m	F	N	1
26	07/07/2010	2010	7	summer	8:00	T2	TSA	C	NA	0	12	Herring Gull	19	> 100 m	F	N	1
27	07/07/2010	2010	7	summer	6:17	T3	TSA	C	NA	0	11	Black Duck	1	0 - 50 m	F	E	1
27	07/07/2010	2010	7	summer	6:17	T3	TSA	C	NA	0	11	Wilson's Snipe	1	50 - 100 m	G	NE	1
27	07/07/2010	2010	7	summer	6:17	T3	TSA	C	NA	0	11	Herring Gull	1	50 - 100 m	G	NE	1
27	07/07/2010	2010	7	summer	6:17	T3	TSA	C	NA	0	11	Common Raven	1	> 100 m	G	N	4
27	07/07/2010	2010	7	summer	6:17	T3	TSA	C	NA	0	11	Savannah Sparrow	1	50 - 100 m	G	E	2
27	07/07/2010	2010	7	summer	6:17	T3	TSA	C	NA	0	11	Black Duck	2	50 - 100 m	G	NE	8
27	07/07/2010	2010	7	summer	6:17	T3	TSA	C	NA	0	11	Herring Gull	2	> 100 m	G	NE	2
27	07/07/2010	2010	7	summer	6:17	T3	TSA	C	NA	0	11	Black Duck	3	> 100 m	G	NE	11
27	07/07/2010	2010	7	summer	6:17	T3	TSA	C	NA	0	11	Herring Gull	3	> 100 m	F	NE	1
28	07/07/2010	2010	7	summer	5:05	Control	CS	C	NA	0	11	Herring Gull	1	> 100 m	G	NW	2
28	07/07/2010	2010	7	summer	5:05	Control	CS	C	NA	0	11	Great Black-backed Gull	1	0 - 50 m	F	N	1
28	07/07/2010	2010	7	summer	5:05	Control	CS	C	NA	0	11	Savannah Sparrow	1	0 - 50 m	G	NW	1
28	07/07/2010	2010	7	summer	5:05	Control	CS	C	NA	0	11	Great Black-backed Gull	2	50 - 100 m	F	NE	1
28	07/07/2010	2010	7	summer	5:05	Control	CS	C	NA	0	11	Great Black-backed Gull	3	> 100 m	F	N	1
29	14/07/2010	2010	7	summer	6:20	T1	TSA	F	NA	0	13	Whimbrel	1	50 - 100 m	F	SW	1
29	14/07/2010	2010	7	summer	6:20	T1	TSA	F	NA	0	13	Ring-billed Gull	1	50 - 100 m	G	SW	1
29	14/07/2010	2010	7	summer	6:20	T1	TSA	F	NA	0	13	Herring Gull	1	0 - 50 m	F	E	1
29	14/07/2010	2010	7	summer	6:20	T1	TSA	F	NA	0	13	Common Raven	1	> 100 m	G	SW	5
29	14/07/2010	2010	7	summer	6:20	T1	TSA	F	NA	0	13	Savannah Sparrow	1	0 - 50 m	G	NE	2
29	14/07/2010	2010	7	summer	6:20	T1	TSA	F	NA	0	13	Herring Gull	2	50 - 100 m	F	NW	1
29	14/07/2010	2010	7	summer	6:20	T1	TSA	F	NA	0	13	Common Raven	2	> 100 m	F	SW	2
29	14/07/2010	2010	7	summer	6:20	T1	TSA	F	NA	0	13	Savannah Sparrow	2	50 - 100 m	G	S	1
30	14/07/2010	2010	7	summer	7:08	T2	TSA	F	NA	0	13	Black Duck	1	0 - 50 m	F	SE	1
30	14/07/2010	2010	7	summer	7:08	T2	TSA	F	NA	0	13	Greater Yellowlegs	1	50 - 100 m	F	W	1
30	14/07/2010	2010	7	summer	7:08	T2	TSA	F	NA	0	13	Herring Gull	1	> 100 m	G	W	2
30	14/07/2010	2010	7	summer	7:08	T2	TSA	F	NA	0	13	Great Black-backed Gull	1	> 100 m	G	W	2
30	14/07/2010	2010	7	summer	7:08	T2	TSA	F	NA	0	13	Herring Gull	2	> 100 m	G	N	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Spotted Sandpiper	1	> 100 m	G	N	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Wilson's Snipe	1	> 100 m	G	NE	2
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Herring Gull	1	50 - 100 m	F	NE	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Great Black-backed Gull	1	> 100 m	G	NE	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Common Raven	1	> 100 m	G	N	3
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Savannah Sparrow	1	0 - 50 m	G	N	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Herring Gull	2	50 - 100 m	G	NE	NA
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Common Raven	2	> 100 m	G	N	3

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Savannah Sparrow	2	50 - 100 m	G	SE	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Herring Gull	3	50 - 100 m	G	N	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Common Raven	3	> 100 m	F	E	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Herring Gull	4	> 100 m	G	NE	4
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Herring Gull	5	> 100 m	F	NE	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Herring Gull	6	> 100 m	F	NE	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Herring Gull	7	> 100 m	F	NE	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Herring Gull	8	> 100 m	F	NE	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Herring Gull	9	> 100 m	F	SE	1
31	14/07/2010	2010	7	summer	7:58	T3	TSA	F	NA	0	13	Herring Gull	10	> 100 m	F	SW	1
32	14/07/2010	2010	7	summer	5:10	Control	CS	F	NA	0	13	Herring Gull	1	0 - 50 m	F	N	1
32	14/07/2010	2010	7	summer	5:10	Control	CS	F	NA	0	13	Great Black-backed Gull	1	> 100 m	F	W	1
32	14/07/2010	2010	7	summer	5:10	Control	CS	F	NA	0	13	Savannah Sparrow	1	50 - 100 m	F	E	2
32	14/07/2010	2010	7	summer	5:10	Control	CS	F	NA	0	13	Herring Gull	2	50 - 100 m	F	N	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Common Loon	1	> 100 m	F	NW	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Double-crested Cormorant	1	> 100 m	F	NW	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Greater Yellowlegs	1	> 100 m	F	SW	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Spotted Sandpiper	1	> 100 m	F	N	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Ring-billed Gull	1	50 - 100 m	G	SE	2
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	1	50 - 100 m	F	NE	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Great Black-backed Gull	1	> 100 m	G	NW	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Black Guillemot	1	> 100 m	F	NW	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Common Raven	1	> 100 m	G	NE	4
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Savannah Sparrow	1	0 - 50 m	G	E	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Double-crested Cormorant	2	> 100 m	G	NW	2
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Ring-billed Gull	2	50 - 100 m	G	SE	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	2	50 - 100 m	F	NE	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Great Black-backed Gull	2	> 100 m	G	N	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Black Guillemot	2	> 100 m	F	NW	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Common Raven	2	> 100 m	G	E	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Savannah Sparrow	2	50 - 100 m	G	W	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Double-crested Cormorant	3	> 100 m	G	NW	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	3	50 - 100 m	F	NW	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Great Black-backed Gull	3	> 100 m	F	NW	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Black Guillemot	3	> 100 m	F	SE	2
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Common Raven	3	> 100 m	G	NE	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Double-crested Cormorant	4	> 100 m	F	NW	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	4	50 - 100 m	F	N	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Great Black-backed Gull	4	> 100 m	F	W	3
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	5	> 100 m	F	NW	4
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Great Black-backed Gull	5	> 100 m	G	S	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	6	> 100 m	F	SE	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Great Black-backed Gull	6	> 100 m	F	E	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	7	> 100 m	F	N	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	8	> 100 m	F	NW	1
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	9	> 100 m	F	NW	2
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	10	> 100 m	F	E	4
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	11	> 100 m	F	SE	2
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	12	> 100 m	F	E	10
33	21/07/2010	2010	7	summer	6:18	T1	TSA	C	NA	0	18	Herring Gull	13	> 100 m	F	NE	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Double-crested Cormorant	1	> 100 m	G	NW	5
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Hawk sp.	1	> 100 m	F	W	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Whimbrel	1	> 100 m	F	SW	22
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Spotted Sandpiper	1	> 100 m	G	W	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Herring Gull	1	0 - 50 m	F	E	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Great Black-backed Gull	1	0 - 50 m	F	W	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Black Guillemot	1	> 100 m	G	NW	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Common Raven	1	> 100 m	F	S	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	American Robin	1	> 100 m	G	S	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	House Sparrow	1	> 100 m	G	S	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Savannah Sparrow	1	50 - 100 m	G	NW	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Herring Gull	2	50 - 100 m	G	NW	3
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Great Black-backed Gull	2	50 - 100 m	F	W	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Herring Gull	3	50 - 100 m	G	W	2
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Great Black-backed Gull	3	50 - 100 m	F	S	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Herring Gull	4	50 - 100 m	F	W	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Great Black-backed Gull	4	> 100 m	G	NW	4
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Herring Gull	5	50 - 100 m	G	W	2
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Great Black-backed Gull	5	> 100 m	F	S	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Herring Gull	6	50 - 100 m	F	S	2
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Great Black-backed Gull	6	> 100 m	F	E	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Herring Gull	7	50 - 100 m	F	SW	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Great Black-backed Gull	7	> 100 m	F	SW	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Herring Gull	8	50 - 100 m	F	NW	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Great Black-backed Gull	8	> 100 m	G	W	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Herring Gull	9	50 - 100 m	F	SW	1
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Herring Gull	10	> 100 m	F	S	6
34	21/07/2010	2010	7	summer	9:13	T2	TSA	C	NA	0	18	Herring Gull	11	> 100 m	F	NW	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Black Duck	1	50 - 100 m	G	NE	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Whimbrel	1	> 100 m	G	N	30
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Wilson's Snipe	1	50 - 100 m	G	NE	2
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	1	0 - 50 m	F	W	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Great Black-backed Gull	1	50 - 100 m	F	SW	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Warbler sp.	1	0 - 50 m	G	N	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	2	50 - 100 m	F	NE	2
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Great Black-backed Gull	2	> 100 m	F	N	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	3	50 - 100 m	F	NE	2
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Great Black-backed Gull	3	> 100 m	F	SW	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	4	50 - 100 m	G	NE	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Great Black-backed Gull	4	> 100 m	F	NW	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	5	50 - 100 m	G	NW	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Great Black-backed Gull	5	> 100 m	F	NW	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	6	> 100 m	F	E	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	7	> 100 m	F	NW	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	8	> 100 m	F	W	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	9	> 100 m	F	NW	2
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	10	> 100 m	F	NE	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	11	> 100 m	G	NE	2
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	12	> 100 m	G	N	1
35	21/07/2010	2010	7	summer	5:25	T3	TSA	C	NA	0	16	Herring Gull	13	> 100 m	F	NW	1
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Eider sp.	1	50 - 100 m	F	NE	3
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Common Loon	1	> 100 m	G	E	3
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Double-crested Cormorant	1	> 100 m	F	NE	1
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Whimbrel	1	50 - 100 m	F	SE	12
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Herring Gull	1	> 100 m	G	NE	2
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Great Black-backed Gull	1	> 100 m	G	N	1
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Tern sp.	1	> 100 m	F	W	1
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Black Guillemot	1	> 100 m	F	NE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Common Raven	1	> 100 m	F	S	1
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Savannah Sparrow	1	0 - 50 m	G	E	2
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Eider sp.	2	> 100 m	F	N	1
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Common Loon	2	> 100 m	G	NW	1
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Double-crested Cormorant	2	> 100 m	F	NE	1
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Herring Gull	2	> 100 m	F	NE	1
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Black Guillemot	2	> 100 m	G	NW	1
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Common Raven	2	> 100 m	F	SE	2
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Double-crested Cormorant	3	> 100 m	G	NW	1
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Herring Gull	3	> 100 m	F	N	2
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Black Guillemot	3	> 100 m	G	N	4
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Common Raven	3	> 100 m	F	E	2
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Herring Gull	4	> 100 m	F	NE	1
36	21/07/2010	2010	7	summer	8:05	Control	CS	C	NA	0	18	Black Guillemot	4	> 100 m	F	NW	3
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Black Duck	1	50 - 100 m	F	NW	1
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Whimbrel	1	> 100 m	F	NW	5
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	1	0 - 50 m	F	NW	1
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Great Black-backed Gull	1	50 - 100 m	F	NW	1
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Tern sp.	1	> 100 m	F	NW	12
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Savannah Sparrow	1	0 - 50 m	G	S	1
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	2	50 - 100 m	F	NW	1
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Great Black-backed Gull	2	> 100 m	F	W	1
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Savannah Sparrow	2	0 - 50 m	G	E	1
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	3	> 100 m	F	S	1
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Great Black-backed Gull	3	> 100 m	F	NW	1
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Savannah Sparrow	3	50 - 100 m	G	SW	4
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	4	> 100 m	F	SW	2
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Great Black-backed Gull	4	> 100 m	G	NW	4
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	5	> 100 m	F	NW	1
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Great Black-backed Gull	5	> 100 m	F	N	1
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	6	> 100 m	G	NW	31
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	7	> 100 m	G	NW	3
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	8	> 100 m	F	NW	6
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	9	> 100 m	F	N	7
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	10	> 100 m	F	SE	8
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	11	> 100 m	F	N	1
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	12	> 100 m	F	NE	2
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	13	> 100 m	F	E	12
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	14	> 100 m	F	S	4
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	15	> 100 m	F	SW	5
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	16	> 100 m	G	NW	15
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	17	> 100 m	F	E	4
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	18	> 100 m	F	NE	2
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	19	> 100 m	F	N	7
37	28/07/2010	2010	7	summer	8:35	T1	TSA	C	W	15	15	Herring Gull	20	> 100 m	F	NW	2
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Black Duck	1	> 100 m	G	SW	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Whimbrel	1	> 100 m	F	NE	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Wilson's Snipe	1	> 100 m	G	E	2
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	1	0 - 50 m	F	E	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Great Black-backed Gull	1	50 - 100 m	F	SW	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Savannah Sparrow	1	0 - 50 m	G	SE	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Whimbrel	2	> 100 m	G	SW	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	2	0 - 50 m	F	SE	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Great Black-backed Gull	2	> 100 m	G	W	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Whimbrel	3	> 100 m	F	SW	2
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	3	0 - 50 m	F	E	2
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Great Black-backed Gull	3	> 100 m	F	NW	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Whimbrel	4	> 100 m	F	W	19
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	4	50 - 100 m	F	E	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Great Black-backed Gull	4	> 100 m	F	NW	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	5	50 - 100 m	F	E	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	6	50 - 100 m	F	NW	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	7	> 100 m	F	N	1
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	8	> 100 m	F	NW	8
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	9	> 100 m	F	N	8
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	10	> 100 m	F	NE	11
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	11	> 100 m	G	SW	3
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	12	> 100 m	F	NW	3
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	13	> 100 m	F	W	2
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	14	> 100 m	F	NE	2
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	15	> 100 m	F	SE	6
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	16	> 100 m	F	NW	5
38	28/07/2010	2010	7	summer	5:14	T2	TSA	C	W	15	12	Herring Gull	17	> 100 m	F	SW	3
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Black Duck	1	50 - 100 m	F	NE	6
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Greater Yellowlegs	1	> 100 m	F	N	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	1	0 - 50 m	F	E	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Great Black-backed Gull	1	0 - 50 m	F	E	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Common Raven	1	50 - 100 m	G	N	2
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	2	0 - 50 m	F	N	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Great Black-backed Gull	2	50 - 100 m	F	NW	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Common Raven	2	50 - 100 m	F	E	3
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	3	50 - 100 m	F	SW	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Great Black-backed Gull	3	50 - 100 m	F	NE	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Common Raven	3	> 100 m	F	W	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	4	50 - 100 m	F	N	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Great Black-backed Gull	4	50 - 100 m	F	E	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Common Raven	4	> 100 m	F	NW	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	5	> 100 m	F	N	5
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Great Black-backed Gull	5	> 100 m	F	N	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Common Raven	5	> 100 m	F	N	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	6	> 100 m	F	E	10
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Great Black-backed Gull	6	> 100 m	F	W	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	7	> 100 m	F	E	4
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Great Black-backed Gull	7	> 100 m	F	N	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	8	> 100 m	F	NE	3
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	9	> 100 m	F	E	3
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	10	> 100 m	F	N	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	11	> 100 m	F	SE	7
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	12	> 100 m	F	NW	1
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	13	> 100 m	F	SW	4
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	14	> 100 m	F	E	3
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	15	> 100 m	F	NW	2
39	28/07/2010	2010	7	summer	6:05	T3	TSA	C	W	15	12	Herring Gull	16	> 100 m	F	N	2
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Double-crested Cormorant	1	50 - 100 m	F	N	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Whimbrel	1	0 - 50 m	G	SE	5
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Greater Yellowlegs	1	> 100 m	F	S	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	1	0 - 50 m	F	N	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Great Black-backed Gull	1	> 100 m	G	NW	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Tern sp.	1	> 100 m	F	NW	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Savannah Sparrow	1	0 - 50 m	G	N	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Double-crested Cormorant	2	> 100 m	F	W	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Whimbrel	2	50 - 100 m	G	E	15
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	2	0 - 50 m	F	E	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Great Black-backed Gull	2	> 100 m	F	NW	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Savannah Sparrow	2	50 - 100 m	F	E	5
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Double-crested Cormorant	3	> 100 m	G	W	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Whimbrel	3	> 100 m	F	S	2
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	3	50 - 100 m	F	N	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Great Black-backed Gull	3	> 100 m	F	SW	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	4	50 - 100 m	F	SW	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	5	50 - 100 m	G	W	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	6	50 - 100 m	G	N	2
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	7	> 100 m	G	NW	2
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	8	> 100 m	G	NE	10
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	9	> 100 m	F	NE	2
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	10	> 100 m	F	N	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	11	> 100 m	F	NW	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	12	> 100 m	F	E	3
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	13	> 100 m	F	W	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	14	> 100 m	F	NE	3
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	15	> 100 m	F	SW	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	16	> 100 m	G	N	1
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	17	> 100 m	F	NW	26
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	18	> 100 m	F	E	2
40	28/07/2010	2010	7	summer	7:23	Control	CS	C	W	15	13	Herring Gull	19	> 100 m	F	N	3
41	08/04/2010	2010	8	summer	7:09	T1	TSA	F	NA	0	16	Whimbrel	1	> 100 m	F	W	1
41	08/04/2010	2010	8	summer	7:09	T1	TSA	F	NA	0	16	Ring-billed Gull	1	> 100 m	G	NE	1
41	08/04/2010	2010	8	summer	7:09	T1	TSA	F	NA	0	16	Herring Gull	1	0 - 50 m	F	N	1
41	08/04/2010	2010	8	summer	7:09	T1	TSA	F	NA	0	16	Savannah Sparrow	1	0 - 50 m	G	W	1
41	08/04/2010	2010	8	summer	7:09	T1	TSA	F	NA	0	16	Herring Gull	2	0 - 50 m	F	W	1
41	08/04/2010	2010	8	summer	7:09	T1	TSA	F	NA	0	16	Herring Gull	3	50 - 100 m	F	W	1
41	08/04/2010	2010	8	summer	7:09	T1	TSA	F	NA	0	16	Herring Gull	4	50 - 100 m	G	N	2
41	08/04/2010	2010	8	summer	7:09	T1	TSA	F	NA	0	16	Herring Gull	5	50 - 100 m	F	W	1
41	08/04/2010	2010	8	summer	7:09	T1	TSA	F	NA	0	16	Herring Gull	6	> 100 m	G	NW	1
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Herring Gull	1	0 - 50 m	F	N	1
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Black Guillemot	1	> 100 m	F	N	1
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Common Raven	1	0 - 50 m	G	N	1
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Savannah Sparrow	1	0 - 50 m	G	W	1
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Herring Gull	2	50 - 100 m	G	N	1
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Common Raven	2	0 - 50 m	F	N	1
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Savannah Sparrow	2	50 - 100 m	G	E	1
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Herring Gull	3	50 - 100 m	F	S	1
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Common Raven	3	50 - 100 m	F	NW	1
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Savannah Sparrow	3	50 - 100 m	F	W	1
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Herring Gull	4	> 100 m	G	NW	3
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Common Raven	4	> 100 m	G	NW	1
42	08/04/2010	2010	8	summer	6:23	T2	TSA	F	NA	0	15	Herring Gull	5	> 100 m	F	NW	2
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Greater Yellowlegs	1	> 100 m	G	NW	1
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Wilson's Snipe	1	50 - 100 m	G	NE	1
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Ring-billed Gull	1	> 100 m	G	NW	1
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Herring Gull	1	50 - 100 m	G	E	1
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Great Black-backed Gull	1	0 - 50 m	F	NE	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Common Raven	1	50 - 100 m	G	NE	2
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Herring Gull	2	50 - 100 m	G	N	1
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Great Black-backed Gull	2	50 - 100 m	G	N	1
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Common Raven	2	> 100 m	F	NE	1
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Herring Gull	3	50 - 100 m	F	SW	1
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Herring Gull	4	50 - 100 m	F	N	1
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Herring Gull	5	50 - 100 m	G	N	1
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Herring Gull	6	50 - 100 m	G	NE	1
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Herring Gull	7	50 - 100 m	F	N	3
43	08/04/2010	2010	8	summer	5:34	T3	TSA	F	NA	0	15	Herring Gull	8	> 100 m	F	N	1
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Whimbrel	1	0 - 50 m	F	E	3
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Herring Gull	1	0 - 50 m	F	N	2
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Great Black-backed Gull	1	> 100 m	F	NE	2
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Common Raven	1	0 - 50 m	F	SW	2
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Savannah Sparrow	1	0 - 50 m	G	SE	1
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Herring Gull	2	50 - 100 m	F	N	1
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Common Raven	2	50 - 100 m	F	W	1
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Savannah Sparrow	2	0 - 50 m	G	E	1
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Herring Gull	3	50 - 100 m	F	SE	1
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Common Raven	3	50 - 100 m	G	N	1
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Savannah Sparrow	3	50 - 100 m	G	N	1
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Common Raven	4	50 - 100 m	F	NW	1
44	08/04/2010	2010	8	summer	8:25	Control	CS	F	NA	0	17	Savannah Sparrow	4	50 - 100 m	G	E	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Black Duck	1	> 100 m	F	NA	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Common Loon	1	> 100 m	G	NW	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Double-crested Cormorant	1	> 100 m	F	NW	2
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Whimbrel	1	> 100 m	F	SW	30
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Greater Yellowlegs	1	> 100 m	F	N	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	1	50 - 100 m	F	NW	4
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Great Black-backed Gull	1	50 - 100 m	G	SW	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Common Raven	1	> 100 m	F	SW	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Savannah Sparrow	1	0 - 50 m	F	N	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Double-crested Cormorant	2	> 100 m	G	NW	3
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Whimbrel	2	> 100 m	G	SW	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	2	> 100 m	G	NW	2
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Great Black-backed Gull	2	> 100 m	F	NW	2
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Savannah Sparrow	2	50 - 100 m	F	NW	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Double-crested Cormorant	3	> 100 m	F	NW	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	3	> 100 m	F	NW	5
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Great Black-backed Gull	3	> 100 m	F	NW	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	4	> 100 m	F	S	9
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	5	> 100 m	G	SW	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	6	> 100 m	F	S	7
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	7	> 100 m	F	SW	6
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	8	> 100 m	F	NW	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	9	> 100 m	F	N	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	10	> 100 m	F	NW	8
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	11	> 100 m	F	N	5
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	12	> 100 m	F	E	14
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	13	> 100 m	G	W	2
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	14	> 100 m	F	NW	8
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	15	> 100 m	F	W	1
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	16	> 100 m	F	E	6
45	08/11/2010	2010	8	summer	8:48	T1	TSA	C	NA	0	18	Herring Gull	17	> 100 m	F	N	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Black Duck	1	0 - 50 m	F	S	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Double-crested Cormorant	1	> 100 m	G	NW	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Hawk sp.	1	> 100 m	F	S	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Whimbrel	1	> 100 m	F	SW	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Herring Gull	1	50 - 100 m	F	E	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Great Black-backed Gull	1	> 100 m	G	SW	2
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Black Guillemot	1	> 100 m	G	NW	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Savannah Sparrow	1	50 - 100 m	G	SW	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Double-crested Cormorant	2	> 100 m	F	NW	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Herring Gull	2	50 - 100 m	F	W	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Great Black-backed Gull	2	> 100 m	G	NW	4
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Black Guillemot	2	> 100 m	F	NW	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Savannah Sparrow	2	> 100 m	G	N	3
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Herring Gull	3	> 100 m	G	NW	40
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Great Black-backed Gull	3	> 100 m	F	NW	2
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Herring Gull	4	> 100 m	F	SW	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Great Black-backed Gull	4	> 100 m	F	SW	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Herring Gull	5	> 100 m	G	SW	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Great Black-backed Gull	5	> 100 m	F	S	4
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Herring Gull	6	> 100 m	G	NW	6
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Great Black-backed Gull	6	> 100 m	G	N	6
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Herring Gull	7	> 100 m	F	NW	6
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Great Black-backed Gull	7	> 100 m	F	NE	2
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Herring Gull	8	> 100 m	F	NW	4
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Great Black-backed Gull	8	> 100 m	F	NW	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Herring Gull	9	> 100 m	G	S	2
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Great Black-backed Gull	9	> 100 m	F	S	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Herring Gull	10	> 100 m	F	NW	1
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Herring Gull	11	> 100 m	F	NE	2
46	08/11/2010	2010	8	summer	7:58	T2	TSA	C	NA	0	17	Herring Gull	12	> 100 m	F	S	7
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Black Duck	1	50 - 100 m	G	NE	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Double-crested Cormorant	1	> 100 m	F	NW	2
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Ring-billed Gull	1	50 - 100 m	F	W	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	1	0 - 50 m	F	NE	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Great Black-backed Gull	1	50 - 100 m	F	NW	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Common Raven	1	> 100 m	G	N	2
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Savannah Sparrow	1	50 - 100 m	G	NW	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Black Duck	2	> 100 m	F	NE	2
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Ring-billed Gull	2	> 100 m	G	NW	3
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	2	0 - 50 m	F	S	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Great Black-backed Gull	2	> 100 m	F	N	4
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Common Raven	2	> 100 m	F	S	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	3	0 - 50 m	F	SW	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Great Black-backed Gull	3	> 100 m	G	NE	2
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	4	50 - 100 m	F	W	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Great Black-backed Gull	4	> 100 m	F	NW	2
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	5	50 - 100 m	F	S	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	6	50 - 100 m	F	S	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	7	> 100 m	F	E	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	8	> 100 m	F	N	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	9	> 100 m	F	NE	6
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	10	> 100 m	G	NE	1
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	11	> 100 m	F	NE	7
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	12	> 100 m	F	NW	4

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	13	> 100 m	F	N	2
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	14	> 100 m	G	NW	11
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	15	> 100 m	G	W	7
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	16	> 100 m	F	SW	5
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	17	> 100 m	F	NW	4
47	08/11/2010	2010	8	summer	5:35	T3	TSA	C	NA	0	16	Herring Gull	18	> 100 m	F	NE	2
48	08/11/2010	2010	8	summer	6:49	Control	CS	C	NA	0	16	Black-bellied Plover	1	0 - 50 m	F	N	1
48	08/11/2010	2010	8	summer	6:49	Control	CS	C	NA	0	16	Herring Gull	1	50 - 100 m	F	N	2
48	08/11/2010	2010	8	summer	6:49	Control	CS	C	NA	0	16	Great Black-backed Gull	1	50 - 100 m	F	N	2
48	08/11/2010	2010	8	summer	6:49	Control	CS	C	NA	0	16	Savannah Sparrow	1	50 - 100 m	G	SW	2
48	08/11/2010	2010	8	summer	6:49	Control	CS	C	NA	0	16	Herring Gull	2	50 - 100 m	F	NE	1
48	08/11/2010	2010	8	summer	6:49	Control	CS	C	NA	0	16	Great Black-backed Gull	2	50 - 100 m	F	NE	1
48	08/11/2010	2010	8	summer	6:49	Control	CS	C	NA	0	16	Savannah Sparrow	2	50 - 100 m	G	W	4
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Double-crested Cormorant	1	> 100 m	G	NW	7
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Ring-billed Gull	1	50 - 100 m	G	N	2
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Herring Gull	1	0 - 50 m	G	NW	1
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Great Black-backed Gull	1	> 100 m	F	SW	1
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Common Raven	1	> 100 m	G	NE	1
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Ring-billed Gull	2	> 100 m	G	N	1
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Herring Gull	2	> 100 m	F	S	3
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Great Black-backed Gull	2	> 100 m	F	S	1
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Herring Gull	3	> 100 m	F	N	1
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Great Black-backed Gull	3	> 100 m	F	W	1
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Herring Gull	4	> 100 m	G	W	1
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Great Black-backed Gull	4	> 100 m	G	E	1
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Herring Gull	5	> 100 m	F	W	1
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Great Black-backed Gull	5	> 100 m	F	NW	1
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Herring Gull	6	> 100 m	F	NW	1
49	18/08/2010	2010	8	summer	9:18	T1	TSA	C	S	10	20	Herring Gull	7	> 100 m	F	N	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Double-crested Cormorant	1	> 100 m	G	NW	2
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Herring Gull	1	50 - 100 m	F	W	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Great Black-backed Gull	1	50 - 100 m	F	N	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Common Raven	1	> 100 m	G	NE	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Savannah Sparrow	1	50 - 100 m	G	E	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Herring Gull	2	> 100 m	G	NW	20
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Great Black-backed Gull	2	50 - 100 m	F	W	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Herring Gull	3	> 100 m	G	W	2
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Great Black-backed Gull	3	> 100 m	G	NW	2
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Herring Gull	4	> 100 m	F	NW	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Great Black-backed Gull	4	> 100 m	F	SW	2
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Herring Gull	5	> 100 m	F	SE	3
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Great Black-backed Gull	5	> 100 m	F	S	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Herring Gull	6	> 100 m	F	SW	2
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Great Black-backed Gull	6	> 100 m	F	W	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Herring Gull	7	> 100 m	F	S	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Great Black-backed Gull	7	> 100 m	F	SW	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Herring Gull	8	> 100 m	F	W	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Great Black-backed Gull	8	> 100 m	F	NW	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Herring Gull	9	> 100 m	F	SW	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Great Black-backed Gull	9	> 100 m	F	S	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Herring Gull	10	> 100 m	F	NW	1
50	18/08/2010	2010	8	summer	8:32	T2	TSA	C	S	10	20	Herring Gull	11	> 100 m	F	S	1
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Black Duck	1	50 - 100 m	F	NE	4
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Green-winged Teal	1	50 - 100 m	G	NE	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Whimbrel	1	0 - 50 m	G	E	2
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Ring-billed Gull	1	> 100 m	G	NW	3
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Herring Gull	1	0 - 50 m	F	N	1
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Great Black-backed Gull	1	0 - 50 m	G	N	1
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Common Raven	1	50 - 100 m	G	N	2
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Savannah Sparrow	1	50 - 100 m	G	NE	2
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Black Duck	2	50 - 100 m	G	NE	5
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Whimbrel	2	> 100 m	F	NE	1
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Herring Gull	2	50 - 100 m	G	E	1
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Great Black-backed Gull	2	0 - 50 m	F	N	1
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Herring Gull	3	50 - 100 m	F	N	2
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Great Black-backed Gull	3	0 - 50 m	G	N	1
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Herring Gull	4	> 100 m	F	NE	2
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Great Black-backed Gull	4	> 100 m	F	N	5
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Herring Gull	5	> 100 m	G	NW	3
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Herring Gull	6	> 100 m	F	NE	1
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Herring Gull	7	> 100 m	F	NW	1
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Herring Gull	8	> 100 m	F	NE	1
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Herring Gull	9	> 100 m	F	NE	4
51	18/08/2010	2010	8	summer	5:55	T3	TSA	C	S	10	18	Herring Gull	10	> 100 m	F	N	3
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Eider sp.	1	> 100 m	G	NW	7
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Double-crested Cormorant	1	> 100 m	G	N	2
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Whimbrel	1	0 - 50 m	F	E	2
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Greater Yellowlegs	1	> 100 m	F	E	5
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	1	50 - 100 m	F	N	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Great Black-backed Gull	1	50 - 100 m	F	N	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Black Guillemot	1	> 100 m	G	NW	2
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Savannah Sparrow	1	> 100 m	G	N	2
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Double-crested Cormorant	2	> 100 m	F	N	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	2	50 - 100 m	G	N	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Great Black-backed Gull	2	> 100 m	G	N	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Double-crested Cormorant	3	> 100 m	G	NE	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	3	> 100 m	G	N	2
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Great Black-backed Gull	3	> 100 m	F	N	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Double-crested Cormorant	4	> 100 m	F	NE	2
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	4	> 100 m	G	E	94
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Great Black-backed Gull	4	> 100 m	F	NE	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	5	> 100 m	F	N	2
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	6	> 100 m	F	NE	4
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	7	> 100 m	F	W	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	8	> 100 m	F	NE	10
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	9	> 100 m	F	NW	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	10	> 100 m	F	N	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	11	> 100 m	F	NE	2
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	12	> 100 m	F	N	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	13	> 100 m	F	NW	1
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	14	> 100 m	F	NE	10
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	15	> 100 m	F	SW	5
52	18/08/2010	2010	8	summer	7:09	Control	CS	C	S	10	18	Herring Gull	16	> 100 m	F	W	1
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Black Duck	1	50 - 100 m	F	NE	3
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Double-crested Cormorant	1	> 100 m	G	NW	1
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Greater Yellowlegs	1	> 100 m	G	NW	11
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Herring Gull	1	50 - 100 m	F	W	1
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Great Black-backed Gull	1	0 - 50 m	F	W	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Black Guillemot	1	> 100 m	G	N	1
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Savannah Sparrow	1	0 - 50 m	F	N	1
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Double-crested Cormorant	2	> 100 m	F	N	1
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Herring Gull	2	> 100 m	G	NW	1
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Great Black-backed Gull	2	0 - 50 m	F	NE	1
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Double-crested Cormorant	3	> 100 m	F	N	2
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Herring Gull	3	> 100 m	F	NW	1
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Great Black-backed Gull	3	> 100 m	F	SE	1
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Herring Gull	4	> 100 m	F	N	1
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Great Black-backed Gull	4	> 100 m	F	NW	5
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Herring Gull	5	> 100 m	F	SE	1
53	25/08/2010	2010	8	summer	9:20	T1	TSA	C	NW	15	23	Herring Gull	6	> 100 m	F	NE	50
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Merlin	1	0 - 50 m	F	N	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Greater Yellowlegs	1	50 - 100 m	F	N	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Herring Gull	1	50 - 100 m	F	W	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Great Black-backed Gull	1	0 - 50 m	F	NW	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Common Raven	1	> 100 m	F	SE	2
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Savannah Sparrow	1	0 - 50 m	G	W	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Merlin	2	50 - 100 m	F	NE	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Herring Gull	2	50 - 100 m	F	N	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Great Black-backed Gull	2	> 100 m	F	W	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Savannah Sparrow	2	0 - 50 m	F	W	2
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Herring Gull	3	50 - 100 m	G	N	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Great Black-backed Gull	3	> 100 m	F	S	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Savannah Sparrow	3	0 - 50 m	F	E	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Herring Gull	4	> 100 m	F	W	6
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Great Black-backed Gull	4	> 100 m	F	N	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Herring Gull	5	> 100 m	F	S	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Great Black-backed Gull	5	> 100 m	F	NW	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Herring Gull	6	> 100 m	F	W	2
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Great Black-backed Gull	6	> 100 m	F	SE	1
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Herring Gull	7	> 100 m	F	NW	30
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Great Black-backed Gull	7	> 100 m	F	NE	2
54	25/08/2010	2010	8	summer	6:56	T2	TSA	C	NW	5	15	Herring Gull	8	> 100 m	F	N	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Black Duck	1	50 - 100 m	G	NW	2
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Red-breasted Merganser	1	50 - 100 m	G	NE	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Herring Gull	1	0 - 50 m	F	N	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Great Black-backed Gull	1	0 - 50 m	F	E	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Common Raven	1	0 - 50 m	F	SE	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	American Robin	1	50 - 100 m	F	W	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Savannah Sparrow	1	0 - 50 m	F	E	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Black Duck	2	50 - 100 m	G	NE	6
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Herring Gull	2	0 - 50 m	F	N	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Great Black-backed Gull	2	0 - 50 m	F	W	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Common Raven	2	> 100 m	F	NW	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Herring Gull	3	50 - 100 m	F	SW	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Great Black-backed Gull	3	0 - 50 m	F	N	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Herring Gull	4	50 - 100 m	F	NW	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Great Black-backed Gull	4	50 - 100 m	F	SW	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Herring Gull	5	> 100 m	F	S	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Great Black-backed Gull	5	50 - 100 m	F	NW	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Herring Gull	6	> 100 m	F	NW	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Great Black-backed Gull	6	> 100 m	F	S	2
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Herring Gull	7	> 100 m	F	W	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Great Black-backed Gull	7	> 100 m	F	W	2
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Herring Gull	8	> 100 m	F	NE	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Great Black-backed Gull	8	> 100 m	F	S	5
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Herring Gull	9	> 100 m	F	W	2
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Great Black-backed Gull	9	> 100 m	F	E	2
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Great Black-backed Gull	10	> 100 m	F	NE	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Great Black-backed Gull	11	> 100 m	F	NW	1
55	25/08/2010	2010	8	summer	6:03	T3	TSA	C	NW	5	13	Great Black-backed Gull	12	> 100 m	F	NE	2
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Common Loon	1	> 100 m	F	NE	2
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Double-crested Cormorant	1	50 - 100 m	F	N	1
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Merlin	1	0 - 50 m	F	E	1
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Greater Yellowlegs	1	0 - 50 m	F	NW	1
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Herring Gull	1	0 - 50 m	G	NW	1
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Black Guillemot	1	> 100 m	F	NE	4
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Common Raven	1	50 - 100 m	G	NE	4
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	American Robin	1	> 100 m	F	W	1
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Double-crested Cormorant	2	> 100 m	F	NE	1
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Greater Yellowlegs	2	50 - 100 m	F	NW	2
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Herring Gull	2	50 - 100 m	G	N	2
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Herring Gull	3	> 100 m	F	N	22
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Herring Gull	4	> 100 m	F	N	1
56	25/08/2010	2010	8	summer	8:11	Control	CS	C	NW	10	20	Herring Gull	5	> 100 m	F	NE	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Common Loon	1	> 100 m	G	NW	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Double-crested Cormorant	1	> 100 m	F	NW	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Merlin	1	> 100 m	F	NW	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Herring Gull	1	50 - 100 m	G	NW	2
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Great Black-backed Gull	1	> 100 m	F	SE	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Black Guillemot	1	50 - 100 m	G	N	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Common Raven	1	50 - 100 m	G	NW	2
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Double-crested Cormorant	2	> 100 m	F	N	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Herring Gull	2	50 - 100 m	G	N	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Great Black-backed Gull	2	> 100 m	F	N	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Common Raven	2	> 100 m	G	W	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Herring Gull	3	50 - 100 m	F	NW	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Great Black-backed Gull	3	> 100 m	G	NE	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Herring Gull	4	50 - 100 m	F	SE	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Great Black-backed Gull	4	> 100 m	F	NW	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Herring Gull	5	> 100 m	G	NW	4
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Great Black-backed Gull	5	> 100 m	F	SE	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Herring Gull	6	> 100 m	G	N	15
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Great Black-backed Gull	6	> 100 m	F	S	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Herring Gull	7	> 100 m	G	N	30
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Herring Gull	8	> 100 m	F	NE	1
57	09/01/2010	2010	9	summer	7:26	T1	TSA	C	W	2	18	Herring Gull	9	> 100 m	F	NW	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Double-crested Cormorant	1	> 100 m	F	NW	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Merlin	1	> 100 m	F	NE	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Whimbrel	1	> 100 m	G	NW	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Sandpiper sp.	1	> 100 m	F	N	2
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Herring Gull	1	50 - 100 m	F	N	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Great Black-backed Gull	1	50 - 100 m	F	N	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Common Raven	1	0 - 50 m	G	N	4
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Savannah Sparrow	1	0 - 50 m	F	NE	2
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Double-crested Cormorant	2	> 100 m	G	N	2
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Herring Gull	2	50 - 100 m	F	N	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Great Black-backed Gull	2	> 100 m	G	NE	3
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Common Raven	2	50 - 100 m	G	NW	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Herring Gull	3	50 - 100 m	F	SE	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Great Black-backed Gull	3	> 100 m	F	W	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Common Raven	3	> 100 m	G	NE	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Herring Gull	4	> 100 m	G	NE	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Great Black-backed Gull	4	> 100 m	G	NW	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Common Raven	4	> 100 m	F	NE	2
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Herring Gull	5	> 100 m	F	SE	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Great Black-backed Gull	5	> 100 m	F	SE	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Herring Gull	6	> 100 m	F	NE	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Great Black-backed Gull	6	> 100 m	F	E	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Herring Gull	7	> 100 m	G	NW	5
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Great Black-backed Gull	7	> 100 m	G	N	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Herring Gull	8	> 100 m	F	NW	1
58	09/01/2010	2010	9	summer	9:02	T2	TSA	C	W	2	22	Herring Gull	9	> 100 m	G	N	6
59	09/01/2010	2010	9	summer	8:16	T3	TSA	C	W	2	20	Black Duck	1	50 - 100 m	G	NE	1
59	09/01/2010	2010	9	summer	8:16	T3	TSA	C	W	2	20	Double-crested Cormorant	1	> 100 m	G	NW	1
59	09/01/2010	2010	9	summer	8:16	T3	TSA	C	W	2	20	Whimbrel	1	50 - 100 m	F	NW	2
59	09/01/2010	2010	9	summer	8:16	T3	TSA	C	W	2	20	Herring Gull	1	50 - 100 m	G	N	1
59	09/01/2010	2010	9	summer	8:16	T3	TSA	C	W	2	20	Great Black-backed Gull	1	50 - 100 m	F	NE	1
59	09/01/2010	2010	9	summer	8:16	T3	TSA	C	W	2	20	Common Raven	1	> 100 m	G	S	1
59	09/01/2010	2010	9	summer	8:16	T3	TSA	C	W	2	20	Savannah Sparrow	1	50 - 100 m	F	NE	1
59	09/01/2010	2010	9	summer	8:16	T3	TSA	C	W	2	20	Herring Gull	2	50 - 100 m	G	N	1
59	09/01/2010	2010	9	summer	8:16	T3	TSA	C	W	2	20	Great Black-backed Gull	2	> 100 m	G	NE	2
59	09/01/2010	2010	9	summer	8:16	T3	TSA	C	W	2	20	Herring Gull	3	> 100 m	F	W	1
59	09/01/2010	2010	9	summer	8:16	T3	TSA	C	W	2	20	Great Black-backed Gull	3	> 100 m	F	NW	1
59	09/01/2010	2010	9	summer	8:16	T3	TSA	C	W	2	20	Herring Gull	4	> 100 m	F	NE	2
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Eider sp.	1	> 100 m	G	NE	4
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Double-crested Cormorant	1	50 - 100 m	F	NW	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Whimbrel	1	> 100 m	G	E	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	1	0 - 50 m	F	W	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Great Black-backed Gull	1	50 - 100 m	F	NW	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Savannah Sparrow	1	0 - 50 m	F	W	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Double-crested Cormorant	2	> 100 m	F	NE	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	2	0 - 50 m	F	S	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Great Black-backed Gull	2	50 - 100 m	F	SE	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Savannah Sparrow	2	0 - 50 m	F	NW	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Double-crested Cormorant	3	> 100 m	F	W	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	3	0 - 50 m	F	E	2
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Great Black-backed Gull	3	> 100 m	F	W	2
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Savannah Sparrow	3	50 - 100 m	F	W	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	4	> 100 m	G	W	2
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Great Black-backed Gull	4	> 100 m	G	NE	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	5	> 100 m	G	NW	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	6	> 100 m	F	N	4
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	7	> 100 m	G	NE	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	8	> 100 m	F	NE	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	9	> 100 m	F	NE	5
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	10	> 100 m	F	N	2
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	11	> 100 m	G	NE	10
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	12	> 100 m	G	W	1
60	09/01/2010	2010	9	summer	6:15	Control	CS	C	W	2	14	Herring Gull	13	> 100 m	F	NE	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Double-crested Cormorant	1	50 - 100 m	F	N	4

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Sandpiper sp.	1	> 100 m	F	W	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	1	0 - 50 m	F	NW	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Great Black-backed Gull	1	0 - 50 m	F	NW	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Common Raven	1	50 - 100 m	F	NW	3
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Savannah Sparrow	1	0 - 50 m	F	N	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	2	0 - 50 m	F	N	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Great Black-backed Gull	2	50 - 100 m	F	NE	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Common Raven	2	50 - 100 m	G	N	2
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Savannah Sparrow	2	50 - 100 m	F	W	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	3	0 - 50 m	F	NA	NA
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Great Black-backed Gull	3	50 - 100 m	F	N	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Common Raven	3	50 - 100 m	F	N	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	4	50 - 100 m	G	W	2
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Great Black-backed Gull	4	50 - 100 m	G	N	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Common Raven	4	> 100 m	F	SW	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	5	50 - 100 m	F	NE	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Great Black-backed Gull	5	50 - 100 m	F	W	4
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	6	50 - 100 m	F	NW	2
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Great Black-backed Gull	6	50 - 100 m	F	S	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	7	50 - 100 m	F	SE	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Great Black-backed Gull	7	> 100 m	F	NE	3
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	8	50 - 100 m	G	N	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Great Black-backed Gull	8	> 100 m	F	W	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	9	50 - 100 m	F	W	4
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Great Black-backed Gull	9	> 100 m	F	SW	5
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	10	50 - 100 m	F	S	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	11	50 - 100 m	G	N	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	12	50 - 100 m	F	NW	4
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	13	> 100 m	F	NW	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	14	> 100 m	F	SW	2
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	15	> 100 m	F	N	2
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	16	> 100 m	F	NE	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	17	> 100 m	F	W	3
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	18	> 100 m	F	NE	2
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	19	> 100 m	F	N	7
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	20	> 100 m	F	SW	1
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	21	> 100 m	F	W	3
61	09/08/2010	2010	9	summer	8:00	T1	TSA	C	NW	20	13	Herring Gull	22	> 100 m	F	NE	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Black Duck	1	50 - 100 m	F	NE	4
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Double-crested Cormorant	1	> 100 m	F	N	2
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Sandpiper sp.	1	> 100 m	F	NW	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Herring Gull	1	50 - 100 m	F	SE	4
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Great Black-backed Gull	1	50 - 100 m	F	NW	2
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Common Raven	1	> 100 m	F	SW	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Savannah Sparrow	1	0 - 50 m	F	NW	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Herring Gull	2	50 - 100 m	F	N	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Great Black-backed Gull	2	> 100 m	G	W	3
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Common Raven	2	> 100 m	F	NE	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Herring Gull	3	> 100 m	F	N	7
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Great Black-backed Gull	3	> 100 m	G	N	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Common Raven	3	> 100 m	F	S	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Herring Gull	4	> 100 m	F	NW	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Great Black-backed Gull	4	> 100 m	F	S	2
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Common Raven	4	> 100 m	F	NW	8

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Herring Gull	5	> 100 m	F	N	2
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Great Black-backed Gull	5	> 100 m	F	SW	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Herring Gull	6	> 100 m	F	S	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Great Black-backed Gull	6	> 100 m	F	N	2
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Herring Gull	7	> 100 m	F	NE	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Great Black-backed Gull	7	> 100 m	F	S	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Herring Gull	8	> 100 m	F	W	6
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Great Black-backed Gull	8	> 100 m	F	NE	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Herring Gull	9	> 100 m	F	SE	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Great Black-backed Gull	9	> 100 m	F	S	3
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Herring Gull	10	> 100 m	F	W	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Great Black-backed Gull	10	> 100 m	F	W	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Herring Gull	11	> 100 m	F	SW	1
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Great Black-backed Gull	11	> 100 m	F	SE	2
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Herring Gull	12	> 100 m	F	NE	2
62	09/08/2010	2010	9	summer	7:12	T2	TSA	C	NW	15	12	Great Black-backed Gull	12	> 100 m	F	SW	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Black Duck	1	0 - 50 m	G	NE	5
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Green-winged Teal	1	0 - 50 m	G	NE	2
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Double-crested Cormorant	1	0 - 50 m	F	SE	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	1	0 - 50 m	F	E	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Common Raven	1	> 100 m	F	SE	2
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Savannah Sparrow	1	0 - 50 m	G	W	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Black Duck	2	50 - 100 m	F	N	2
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Double-crested Cormorant	2	> 100 m	F	NW	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	2	0 - 50 m	F	SW	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Common Raven	2	> 100 m	F	SW	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Savannah Sparrow	2	0 - 50 m	F	SW	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Double-crested Cormorant	3	> 100 m	F	SW	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	3	50 - 100 m	F	NE	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Double-crested Cormorant	4	> 100 m	F	NE	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	4	> 100 m	F	NE	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	5	> 100 m	F	E	2
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	6	> 100 m	F	NW	2
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	7	> 100 m	F	E	2
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	8	> 100 m	F	N	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	9	> 100 m	G	NE	50
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	10	> 100 m	F	NE	6
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	11	> 100 m	F	SE	1
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	12	> 100 m	F	E	3
63	09/08/2010	2010	9	summer	6:22	T3	TSA	C	NW	15	11	Herring Gull	13	> 100 m	F	W	3
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Eider sp.	1	> 100 m	F	N	1
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Double-crested Cormorant	1	> 100 m	F	N	1
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Bald Eagle	1	50 - 100 m	F	W	1
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	1	0 - 50 m	F	N	1
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Great Black-backed Gull	1	50 - 100 m	F	NE	1
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	2	0 - 50 m	F	N	1
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Great Black-backed Gull	2	50 - 100 m	F	W	1
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	3	0 - 50 m	F	NW	2
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Great Black-backed Gull	3	> 100 m	F	W	2
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	4	50 - 100 m	G	NW	1
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Great Black-backed Gull	4	> 100 m	F	NE	1
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	5	50 - 100 m	F	NW	3
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Great Black-backed Gull	5	> 100 m	F	SE	1
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	6	50 - 100 m	F	W	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Great Black-backed Gull	6	> 100 m	F	NE	4
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	7	50 - 100 m	F	NW	4
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	8	50 - 100 m	F	W	4
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	9	50 - 100 m	F	NE	1
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	10	50 - 100 m	F	N	4
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	11	> 100 m	F	N	3
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	12	> 100 m	F	NE	3
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	13	> 100 m	F	S	2
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	14	> 100 m	F	E	8
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	15	> 100 m	F	NE	1
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	16	> 100 m	F	NE	2
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	17	> 100 m	F	E	5
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	18	> 100 m	F	W	5
64	09/08/2010	2010	9	summer	9:09	Control	CS	C	NW	20	15	Herring Gull	19	> 100 m	F	E	2
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Eider sp.	1	> 100 m	F	W	1
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Common Loon	1	> 100 m	G	NW	2
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Double-crested Cormorant	1	50 - 100 m	F	NW	1
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	1	50 - 100 m	G	W	7
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Great Black-backed Gull	1	50 - 100 m	F	W	2
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Savannah Sparrow	1	0 - 50 m	F	NE	2
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Double-crested Cormorant	2	> 100 m	G	NW	4
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	2	50 - 100 m	G	N	1
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Great Black-backed Gull	2	50 - 100 m	G	NE	1
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	3	50 - 100 m	G	NW	3
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Great Black-backed Gull	3	> 100 m	G	NE	1
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	4	50 - 100 m	F	NW	5
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Great Black-backed Gull	4	> 100 m	G	NW	1
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	5	50 - 100 m	G	N	2
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	6	> 100 m	G	W	4
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	7	> 100 m	F	N	2
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	8	> 100 m	F	NW	1
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	9	> 100 m	F	SE	1
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	10	> 100 m	F	W	1
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	11	> 100 m	G	NW	3
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	12	> 100 m	F	W	1
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	13	> 100 m	F	E	1
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	14	> 100 m	F	NE	1
65	14/09/2010	2010	9	summer	8:05	T1	TSA	C	E	20	10	Herring Gull	15	> 100 m	F	W	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Herring Gull	1	50 - 100 m	G	N	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Great Black-backed Gull	1	50 - 100 m	F	S	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Common Raven	1	50 - 100 m	F	NW	2
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Savannah Sparrow	1	0 - 50 m	F	W	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Herring Gull	2	50 - 100 m	G	NW	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Great Black-backed Gull	2	50 - 100 m	G	NE	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Common Raven	2	50 - 100 m	F	SE	2
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Savannah Sparrow	2	0 - 50 m	G	W	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Herring Gull	3	50 - 100 m	F	NW	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Great Black-backed Gull	3	50 - 100 m	F	NE	2
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Common Raven	3	> 100 m	F	W	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Herring Gull	4	50 - 100 m	F	NE	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Great Black-backed Gull	4	> 100 m	F	NW	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Common Raven	4	> 100 m	F	SE	7
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Herring Gull	5	50 - 100 m	F	SW	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Herring Gull	6	50 - 100 m	F	NW	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Herring Gull	7	> 100 m	F	W	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Herring Gull	8	> 100 m	F	W	2
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Herring Gull	9	> 100 m	F	NW	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Herring Gull	10	> 100 m	F	NE	2
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Herring Gull	11	> 100 m	F	NE	1
66	14/09/2010	2010	9	summer	6:33	T2	TSA	C	E	20	10	Herring Gull	12	> 100 m	F	E	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Black Duck	1	50 - 100 m	G	NE	4
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Green-winged Teal	1	50 - 100 m	G	NE	5
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Double-crested Cormorant	1	> 100 m	F	SE	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Greater Yellowlegs	1	> 100 m	F	NE	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Herring Gull	1	50 - 100 m	F	E	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Great Black-backed Gull	1	> 100 m	F	S	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Common Raven	1	> 100 m	F	NE	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Double-crested Cormorant	2	> 100 m	F	NW	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Herring Gull	2	50 - 100 m	F	E	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Great Black-backed Gull	2	> 100 m	G	N	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Herring Gull	3	50 - 100 m	F	SW	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Great Black-backed Gull	3	> 100 m	F	N	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Herring Gull	4	> 100 m	F	NE	3
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Great Black-backed Gull	4	> 100 m	G	N	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Herring Gull	5	> 100 m	F	NE	4
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Herring Gull	6	> 100 m	F	E	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Herring Gull	7	> 100 m	G	NE	4
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Herring Gull	8	> 100 m	F	E	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Herring Gull	9	> 100 m	F	N	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Herring Gull	10	> 100 m	F	SE	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Herring Gull	11	> 100 m	G	NW	1
67	14/09/2010	2010	9	summer	7:18	T3	TSA	C	E	20	10	Herring Gull	12	> 100 m	G	W	2
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Common Loon	1	> 100 m	G	NE	1
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Double-crested Cormorant	1	> 100 m	F	NE	1
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Merlin	1	50 - 100 m	F	W	1
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	1	50 - 100 m	F	N	3
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Great Black-backed Gull	1	50 - 100 m	G	NE	4
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Savannah Sparrow	1	0 - 50 m	G	NE	1
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	2	50 - 100 m	F	E	1
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Great Black-backed Gull	2	> 100 m	F	N	1
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	3	50 - 100 m	F	W	1
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Great Black-backed Gull	3	> 100 m	G	NE	2
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	4	50 - 100 m	F	N	4
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Great Black-backed Gull	4	> 100 m	F	NE	1
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	5	50 - 100 m	F	E	1
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	6	> 100 m	G	NE	7
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	7	> 100 m	G	NW	15
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	8	> 100 m	F	N	7
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	9	> 100 m	F	W	1
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	10	> 100 m	F	NE	4
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	11	> 100 m	F	E	1
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	12	> 100 m	F	N	1
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	13	> 100 m	F	NE	4
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	14	> 100 m	F	W	25
68	14/09/2010	2010	9	summer	9:08	Control	CS	C	E	15	12	Herring Gull	15	> 100 m	G	NE	6
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Double-crested Cormorant	1	50 - 100 m	F	W	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	1	50 - 100 m	F	NW	6
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Great Black-backed Gull	1	50 - 100 m	F	W	4

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Common Raven	1	0 - 50 m	F	N	9
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Double-crested Cormorant	2	> 100 m	G	NW	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	2	50 - 100 m	F	W	3
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Great Black-backed Gull	2	50 - 100 m	G	NW	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Common Raven	2	50 - 100 m	F	SE	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	3	50 - 100 m	G	N	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Great Black-backed Gull	3	50 - 100 m	F	W	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Common Raven	3	> 100 m	F	W	4
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	4	50 - 100 m	G	NE	2
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Great Black-backed Gull	4	> 100 m	F	W	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	5	50 - 100 m	G	NW	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Great Black-backed Gull	5	> 100 m	G	SE	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	6	50 - 100 m	G	N	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	7	50 - 100 m	F	W	2
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	8	> 100 m	F	SW	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	9	> 100 m	F	NE	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	10	> 100 m	F	E	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	11	> 100 m	F	W	8
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	12	> 100 m	F	NW	1
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	13	> 100 m	G	W	50
69	22/09/2010	2010	9	summer	8:38	T1	TSA	C	W	35	12	Herring Gull	14	> 100 m	F	W	10
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Greater Yellowlegs	1	0 - 50 m	F	W	2
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	1	0 - 50 m	F	N	1
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Great Black-backed Gull	1	50 - 100 m	G	NW	2
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Common Raven	1	0 - 50 m	F	W	1
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Savannah Sparrow	1	0 - 50 m	F	W	1
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	2	50 - 100 m	G	N	8
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Great Black-backed Gull	2	> 100 m	F	NW	2
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Common Raven	2	50 - 100 m	F	W	1
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	3	50 - 100 m	G	NE	2
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Great Black-backed Gull	3	> 100 m	F	W	10
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Common Raven	3	50 - 100 m	F	SW	2
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	4	50 - 100 m	G	E	5
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Common Raven	4	50 - 100 m	G	NE	1
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	5	50 - 100 m	F	N	2
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Common Raven	5	50 - 100 m	G	SE	2
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	6	50 - 100 m	F	SE	5
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	7	50 - 100 m	G	NW	1
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	8	50 - 100 m	G	S	1
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	9	50 - 100 m	F	W	1
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	10	50 - 100 m	G	NW	2
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	11	> 100 m	F	NE	7
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	12	> 100 m	F	SE	1
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	13	> 100 m	F	NW	4
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	14	> 100 m	F	W	11
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	15	> 100 m	F	NW	3
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	16	> 100 m	F	S	6
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	17	> 100 m	F	E	2
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	18	> 100 m	F	NE	2
70	22/09/2010	2010	9	summer	7:24	T2	TSA	C	W	35	10	Herring Gull	19	> 100 m	F	W	3
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Black Duck	1	0 - 50 m	F	NW	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Double-crested Cormorant	1	> 100 m	G	NE	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	1	0 - 50 m	F	N	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Great Black-backed Gull	1	0 - 50 m	F	NE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Common Raven	1	50 - 100 m	F	SE	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Savannah Sparrow	1	0 - 50 m	G	SE	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Double-crested Cormorant	2	> 100 m	F	N	4
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	2	50 - 100 m	F	NE	3
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Great Black-backed Gull	2	> 100 m	F	N	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Common Raven	2	50 - 100 m	F	NE	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	3	50 - 100 m	F	SE	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Great Black-backed Gull	3	> 100 m	F	NW	2
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	4	50 - 100 m	F	E	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Great Black-backed Gull	4	> 100 m	G	NE	5
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	5	50 - 100 m	F	N	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	6	50 - 100 m	F	SE	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	7	> 100 m	G	NW	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	8	> 100 m	F	NE	4
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	9	> 100 m	F	NW	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	10	> 100 m	F	W	5
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	11	> 100 m	G	N	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	12	> 100 m	F	E	9
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	13	> 100 m	F	SW	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	14	> 100 m	F	W	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	15	> 100 m	F	NE	4
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	16	> 100 m	F	E	1
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	17	> 100 m	F	SE	3
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	18	> 100 m	G	NE	18
71	22/09/2010	2010	9	summer	6:36	T3	TSA	C	W	35	10	Herring Gull	19	> 100 m	F	NE	4
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Eider sp.	1	> 100 m	F	W	1
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Double-crested Cormorant	1	50 - 100 m	F	N	1
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Greater Yellowlegs	1	50 - 100 m	F	NE	2
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	1	0 - 50 m	F	SE	1
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Great Black-backed Gull	1	> 100 m	F	E	1
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Common Raven	1	> 100 m	F	E	1
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Double-crested Cormorant	2	50 - 100 m	F	NE	1
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	2	50 - 100 m	F	N	1
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Great Black-backed Gull	2	> 100 m	F	NE	1
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	3	50 - 100 m	F	W	1
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	4	50 - 100 m	F	W	2
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	5	50 - 100 m	F	SW	2
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	6	50 - 100 m	F	NW	2
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	7	50 - 100 m	F	W	2
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	8	> 100 m	F	E	1
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	9	> 100 m	F	NE	4
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	10	> 100 m	F	E	3
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	11	> 100 m	F	NE	4
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	12	> 100 m	F	NE	2
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	13	> 100 m	F	W	1
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	14	> 100 m	F	SW	1
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	15	> 100 m	F	NE	20
72	22/09/2010	2010	9	summer	9:40	Control	CS	C	W	35	12	Herring Gull	16	> 100 m	F	SE	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	1	0 - 50 m	G	SW	2
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	2	0 - 50 m	F	NW	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	3	0 - 50 m	G	SW	5
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	4	0 - 50 m	F	SE	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	5	0 - 50 m	G	SW	2
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	6	50 - 100 m	G	N	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	7	50 - 100 m	F	NW	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	8	50 - 100 m	G	N	2
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	9	50 - 100 m	F	NE	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	10	50 - 100 m	G	NE	25
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	11	50 - 100 m	F	SE	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	12	50 - 100 m	G	SW	2
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	13	50 - 100 m	G	N	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	14	50 - 100 m	F	SW	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	15	50 - 100 m	F	SE	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	16	> 100 m	F	W	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	17	> 100 m	F	N	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	18	> 100 m	F	NW	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	19	> 100 m	F	N	2
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	20	> 100 m	F	NE	1
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	21	> 100 m	F	SW	2
73	29/09/2010	2010	9	summer	9:33	T1	TSA	C	SW	25	14	Herring Gull	22	> 100 m	F	NW	1
74	29/09/2010	2010	9	summer	8:00	T2	TSA	C	SW	15	14	Herring Gull	1	50 - 100 m	G	N	4
74	29/09/2010	2010	9	summer	8:00	T2	TSA	C	SW	15	14	Common Raven	1	0 - 50 m	G	W	2
74	29/09/2010	2010	9	summer	8:00	T2	TSA	C	SW	15	14	Savannah Sparrow	1	50 - 100 m	F	N	2
74	29/09/2010	2010	9	summer	8:00	T2	TSA	C	SW	15	14	Herring Gull	2	50 - 100 m	F	NW	1
74	29/09/2010	2010	9	summer	8:00	T2	TSA	C	SW	15	14	Common Raven	2	0 - 50 m	F	SW	1
74	29/09/2010	2010	9	summer	8:00	T2	TSA	C	SW	15	14	Common Raven	3	50 - 100 m	F	SW	9
74	29/09/2010	2010	9	summer	8:00	T2	TSA	C	SW	15	14	Common Raven	4	50 - 100 m	F	N	4
75	29/09/2010	2010	9	summer	8:46	T3	TSA	C	SW	20	14	Herring Gull	1	50 - 100 m	G	NW	1
75	29/09/2010	2010	9	summer	8:46	T3	TSA	C	SW	20	14	Great Black-backed Gull	1	0 - 50 m	G	NE	2
75	29/09/2010	2010	9	summer	8:46	T3	TSA	C	SW	20	14	Savannah Sparrow	1	0 - 50 m	G	N	1
75	29/09/2010	2010	9	summer	8:46	T3	TSA	C	SW	20	14	Herring Gull	2	50 - 100 m	F	NW	1
75	29/09/2010	2010	9	summer	8:46	T3	TSA	C	SW	20	14	Great Black-backed Gull	2	0 - 50 m	G	N	1
75	29/09/2010	2010	9	summer	8:46	T3	TSA	C	SW	20	14	Herring Gull	3	50 - 100 m	F	N	1
75	29/09/2010	2010	9	summer	8:46	T3	TSA	C	SW	20	14	Herring Gull	4	50 - 100 m	G	NE	5
75	29/09/2010	2010	9	summer	8:46	T3	TSA	C	SW	20	14	Herring Gull	5	50 - 100 m	F	N	1
75	29/09/2010	2010	9	summer	8:46	T3	TSA	C	SW	20	14	Herring Gull	6	50 - 100 m	F	NE	1
76	29/09/2010	2010	9	summer	6:55	Control	CS	C	SW	10	14	Eider sp.	1	0 - 50 m	F	NE	12
76	29/09/2010	2010	9	summer	6:55	Control	CS	C	SW	10	14	Herring Gull	1	0 - 50 m	F	W	1
76	29/09/2010	2010	9	summer	6:55	Control	CS	C	SW	10	14	Herring Gull	2	0 - 50 m	F	N	1
76	29/09/2010	2010	9	summer	6:55	Control	CS	C	SW	10	14	Herring Gull	3	0 - 50 m	F	N	1
76	29/09/2010	2010	9	summer	6:55	Control	CS	C	SW	10	14	Herring Gull	4	0 - 50 m	F	S	1
76	29/09/2010	2010	9	summer	6:55	Control	CS	C	SW	10	14	Herring Gull	5	0 - 50 m	F	SW	1
76	29/09/2010	2010	9	summer	6:55	Control	CS	C	SW	10	14	Herring Gull	6	50 - 100 m	F	NW	6
76	29/09/2010	2010	9	summer	6:55	Control	CS	C	SW	10	14	Herring Gull	7	50 - 100 m	F	W	1
76	29/09/2010	2010	9	summer	6:55	Control	CS	C	SW	10	14	Herring Gull	8	50 - 100 m	F	NW	1
76	29/09/2010	2010	9	summer	6:55	Control	CS	C	SW	10	14	Herring Gull	9	50 - 100 m	F	E	1
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	1	50 - 100 m	F	SW	1
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Great Black-backed Gull	1	> 100 m	F	NE	1
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Common Raven	1	0 - 50 m	G	S	1
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	2	50 - 100 m	F	E	1
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Great Black-backed Gull	2	> 100 m	F	NW	1
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Common Raven	2	> 100 m	F	SW	2
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	3	50 - 100 m	F	W	2
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Great Black-backed Gull	3	> 100 m	G	NW	2
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	4	50 - 100 m	F	N	1
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Great Black-backed Gull	4	> 100 m	F	N	2
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	5	50 - 100 m	G	NW	1
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Great Black-backed Gull	5	> 100 m	F	W	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	6	> 100 m	F	NW	11
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	7	> 100 m	F	NE	4
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	8	> 100 m	F	E	3
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	9	> 100 m	F	NE	2
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	10	> 100 m	F	W	13
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	11	> 100 m	F	SW	1
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	12	> 100 m	G	NE	4
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	13	> 100 m	G	NW	9
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	14	> 100 m	F	S	7
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	15	> 100 m	F	NE	4
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	16	> 100 m	F	NW	4
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	17	> 100 m	F	E	6
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	18	> 100 m	F	NW	10
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	19	> 100 m	F	S	6
77	10/06/2010	2010	10	fall	6:55	T1	TSA	C	NW	15	5	Herring Gull	20	> 100 m	F	E	7
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Green-winged Teal	1	> 100 m	G	NE	7
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Double-crested Cormorant	1	> 100 m	G	NW	7
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	1	50 - 100 m	F	SE	1
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Great Black-backed Gull	1	50 - 100 m	F	NW	3
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	2	> 100 m	F	NE	9
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Great Black-backed Gull	2	> 100 m	G	NE	1
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	3	> 100 m	F	W	5
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Great Black-backed Gull	3	> 100 m	F	S	1
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	4	> 100 m	F	NW	4
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Great Black-backed Gull	4	> 100 m	F	NW	2
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	5	> 100 m	F	N	1
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Great Black-backed Gull	5	> 100 m	G	N	1
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	6	> 100 m	F	SW	3
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Great Black-backed Gull	6	> 100 m	F	NE	2
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	7	> 100 m	F	E	3
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Great Black-backed Gull	7	> 100 m	F	NW	2
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	8	> 100 m	F	SW	5
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	9	> 100 m	F	NW	6
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	10	> 100 m	F	NE	7
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	11	> 100 m	F	NW	26
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	12	> 100 m	F	SW	1
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	13	> 100 m	F	NE	11
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	14	> 100 m	F	SW	1
78	10/06/2010	2010	10	fall	7:45	T2	TSA	C	NW	15	8	Herring Gull	15	> 100 m	F	NW	8
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Double-crested Cormorant	1	> 100 m	F	N	1
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Herring Gull	1	0 - 50 m	F	NW	1
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Great Black-backed Gull	1	50 - 100 m	G	N	1
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Common Raven	1	50 - 100 m	F	N	2
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Warbler sp.	1	0 - 50 m	F	SW	1
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Savannah Sparrow	1	50 - 100 m	G	E	1
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Herring Gull	2	0 - 50 m	F	SW	1
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Great Black-backed Gull	2	> 100 m	F	NW	1
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Common Raven	2	50 - 100 m	G	N	2
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Herring Gull	3	> 100 m	G	NW	6
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Great Black-backed Gull	3	> 100 m	F	NW	1
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Herring Gull	4	> 100 m	F	N	5
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Great Black-backed Gull	4	> 100 m	F	N	2
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Herring Gull	5	> 100 m	F	NW	5
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Herring Gull	6	> 100 m	G	NW	18

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Herring Gull	7	> 100 m	F	N	15
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Herring Gull	8	> 100 m	G	NW	1
79	10/06/2010	2010	10	fall	8:34	T3	TSA	C	NW	15	12	Herring Gull	9	> 100 m	F	NW	26
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Double-crested Cormorant	1	> 100 m	F	N	2
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Whimbrel	1	50 - 100 m	G	N	1
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Herring Gull	1	> 100 m	F	NE	4
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Glaucous Gull	1	> 100 m	F	N	1
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Great Black-backed Gull	1	> 100 m	F	N	2
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Black Guillemot	1	> 100 m	G	NW	1
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Double-crested Cormorant	2	> 100 m	G	NE	2
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Herring Gull	2	> 100 m	F	NE	4
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Great Black-backed Gull	2	> 100 m	G	NE	8
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Black Guillemot	2	> 100 m	G	N	1
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Herring Gull	3	> 100 m	G	NE	8
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Great Black-backed Gull	3	> 100 m	F	NW	5
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Herring Gull	4	> 100 m	F	NW	5
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Great Black-backed Gull	4	> 100 m	F	NE	20
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Herring Gull	5	> 100 m	F	NE	20
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Herring Gull	6	> 100 m	F	NE	18
80	10/06/2010	2010	10	fall	9:52	Control	CS	C	NW	15	13	Herring Gull	7	> 100 m	F	NW	85
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Green-winged Teal	1	> 100 m	G	NE	3
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Double-crested Cormorant	1	> 100 m	G	NW	3
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	1	0 - 50 m	F	N,S	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Great Black-backed Gull	1	> 100 m	F	NW	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Black Guillemot	1	> 100 m	G	W	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Common Raven	1	0 - 50 m	F	SW	3
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	American Robin	1	50 - 100 m	G	S	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Savannah Sparrow	1	0 - 50 m	G	SE	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Double-crested Cormorant	2	> 100 m	G	NE	3
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	2	50 - 100 m	F	E	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Great Black-backed Gull	2	> 100 m	G	NW	3
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Common Raven	2	50 - 100 m	G	SW	NA
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Double-crested Cormorant	3	> 100 m	G	NW	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	3	50 - 100 m	F	SW	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Great Black-backed Gull	3	> 100 m	F	NW	5
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Common Raven	3	> 100 m	G	NE	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Double-crested Cormorant	4	> 100 m	F	NW	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	4	> 100 m	G	NE	50
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Great Black-backed Gull	4	> 100 m	F	NW	2
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	5	> 100 m	G	NW	70
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	6	> 100 m	G	W	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	7	> 100 m	G	NE	12
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	8	> 100 m	F	E	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	9	> 100 m	F	NW	22
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	10	> 100 m	F	N	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	11	> 100 m	F	NW	7
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	12	> 100 m	F	SE	1
81	13/10/2010	2010	10	fall	6:55	T1	TSA	C	NE	5	13	Herring Gull	13	> 100 m	F	SW	3
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Herring Gull	1	50 - 100 m	G	NW	1
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Great Black-backed Gull	1	> 100 m	G	W	2
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Mourning Dove	1	50 - 100 m	G	NW	5
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Common Raven	1	> 100 m	G	SW	4
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Savannah Sparrow	1	50 - 100 m	G	NW	1
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Herring Gull	2	50 - 100 m	F	NW	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Great Black-backed Gull	2	> 100 m	G	NW	1
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Herring Gull	3	50 - 100 m	F	E	2
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Great Black-backed Gull	3	> 100 m	F	NW	1
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Herring Gull	4	> 100 m	F	W	1
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Great Black-backed Gull	4	> 100 m	F	NE	1
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Herring Gull	5	> 100 m	F	W	1
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Great Black-backed Gull	5	> 100 m	F	SW	3
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Herring Gull	6	> 100 m	G	W	2
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Herring Gull	7	> 100 m	G	NW	9
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Herring Gull	8	> 100 m	F	NW	4
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Herring Gull	9	> 100 m	F	NE	2
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Herring Gull	10	> 100 m	F	NW	5
82	13/10/2010	2010	10	fall	7:45	T2	TSA	C	NE	5	6	Herring Gull	11	> 100 m	F	NE	8
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Double-crested Cormorant	1	> 100 m	G	NW	4
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Black-bellied Plover	1	> 100 m	G	NE	2
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Herring Gull	1	0 - 50 m	F	E	1
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Great Black-backed Gull	1	50 - 100 m	G	N	1
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Common Raven	1	50 - 100 m	G	N	7
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Herring Gull	2	0 - 50 m	F	W	1
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Great Black-backed Gull	2	50 - 100 m	F	N	2
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Herring Gull	3	50 - 100 m	G	N	2
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Great Black-backed Gull	3	50 - 100 m	F	NW	1
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Herring Gull	4	50 - 100 m	F	N	2
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Great Black-backed Gull	4	50 - 100 m	F	N	2
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Herring Gull	5	50 - 100 m	G	NW	1
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Great Black-backed Gull	5	> 100 m	G	NE	1
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Herring Gull	6	50 - 100 m	F	N	2
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Great Black-backed Gull	6	> 100 m	F	N	1
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Great Black-backed Gull	7	> 100 m	G	NE	7
83	13/10/2010	2010	10	fall	8:34	T3	TSA	C	NE	10	13	Great Black-backed Gull	8	> 100 m	G	NW	7
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	White-wing Scoter	1	> 100 m	F	W	2
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Double-crested Cormorant	1	> 100 m	G	NW	1
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	1	50 - 100 m	F	N	4
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Great Black-backed Gull	1	50 - 100 m	F	NW	1
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Common Raven	1	> 100 m	G	SW	3
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Horned Lark	1	> 100 m	F	N	11
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Song Sparrow	1	50 - 100 m	G	SE	1
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Double-crested Cormorant	2	> 100 m	G	N	1
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	2	> 100 m	G	NW	1
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Great Black-backed Gull	2	> 100 m	G	NW	1
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	3	> 100 m	G	NE	4
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Great Black-backed Gull	3	> 100 m	F	NW	1
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	4	> 100 m	G	NE	6
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Great Black-backed Gull	4	> 100 m	F	N	1
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	5	> 100 m	G	N	1
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Great Black-backed Gull	5	> 100 m	F	W	2
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	6	> 100 m	F	SE	1
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Great Black-backed Gull	6	> 100 m	F	NE	1
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	7	> 100 m	F	NE	5
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Great Black-backed Gull	7	> 100 m	F	W	2
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	8	> 100 m	F	W	1
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	9	> 100 m	F	NW	2
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	10	> 100 m	G	N	8
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	11	> 100 m	G	W	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	12	> 100 m	F	N	2
84	13/10/2010	2010	10	fall	9:52	Control	CS	C	NE	5	8	Herring Gull	13	> 100 m	F	E	5
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Double-crested Cormorant	1	> 100 m	F	NW	1
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Herring Gull	1	> 100 m	F	E	2
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Great Black-backed Gull	1	> 100 m	F	NE	1
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Dovekie	1	> 100 m	F	NW	1
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Common Raven	1	50 - 100 m	F	NW	1
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Herring Gull	2	> 100 m	F	NE	10
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Great Black-backed Gull	2	> 100 m	F	NW	1
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Herring Gull	3	> 100 m	F	NW	11
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Herring Gull	4	> 100 m	F	N	3
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Herring Gull	5	> 100 m	F	N	3
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Herring Gull	6	> 100 m	F	NW	8
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Herring Gull	7	> 100 m	G	N	1
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Herring Gull	8	> 100 m	F	NE	3
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Herring Gull	9	> 100 m	F	NW	10
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Herring Gull	10	> 100 m	F	SW	1
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Herring Gull	11	> 100 m	F	NW	10
85	19/10/2010	2010	10	fall	10:38	T1	TSA	C	W	60	6	Herring Gull	12	> 100 m	F	NE	6
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Double-crested Cormorant	1	50 - 100 m	F	NW	1
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Herring Gull	1	50 - 100 m	F	W	1
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Great Black-backed Gull	1	> 100 m	F	NW	1
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Herring Gull	2	50 - 100 m	G	N	1
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Great Black-backed Gull	2	> 100 m	F	NE	1
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Herring Gull	3	> 100 m	F	NW	7
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Great Black-backed Gull	3	> 100 m	G	N	2
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Herring Gull	4	> 100 m	F	SW	1
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Great Black-backed Gull	4	> 100 m	F	NE	7
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Herring Gull	5	> 100 m	F	NW	1
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Herring Gull	6	> 100 m	G	NE	50
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Herring Gull	7	> 100 m	G	N	1
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Herring Gull	8	> 100 m	F	NW	9
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Herring Gull	9	> 100 m	F	NE	13
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Herring Gull	10	> 100 m	G	N	1
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Herring Gull	11	> 100 m	F	NW	15
86	19/10/2010	2010	10	fall	8:55	T2	TSA	C	W	60	6	Herring Gull	12	> 100 m	F	N	6
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Black Duck	1	50 - 100 m	G	NE	3
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Double-crested Cormorant	1	> 100 m	F	N	1
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	1	0 - 50 m	F	N	1
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Great Black-backed Gull	1	50 - 100 m	F	W	1
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Common Raven	1	0 - 50 m	G	W	2
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	2	50 - 100 m	G	N	1
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Great Black-backed Gull	2	> 100 m	F	N	1
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Common Raven	2	> 100 m	F	N	3
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	3	50 - 100 m	G	NE	1
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Great Black-backed Gull	3	> 100 m	F	NE	1
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Common Raven	3	> 100 m	F	N	1
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	4	> 100 m	G	N	4
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Great Black-backed Gull	4	> 100 m	G	NE	2
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	5	> 100 m	F	N	5
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Great Black-backed Gull	5	> 100 m	F	NE	1
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	6	> 100 m	F	NE	1
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Great Black-backed Gull	6	> 100 m	F	N	2
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	7	> 100 m	G	NW	4

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	8	> 100 m	F	N	5
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	9	> 100 m	F	NW	8
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	10	> 100 m	F	E	42
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	11	> 100 m	F	N	10
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	12	> 100 m	G	NE	21
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	13	> 100 m	F	NW	5
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	14	> 100 m	F	SE	3
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	15	> 100 m	F	NE	10
87	19/10/2010	2010	10	fall	9:45	T3	TSA	C	W	60	6	Herring Gull	16	> 100 m	F	N	7
88	19/10/2010	2010	10	fall	7:31	Control	CS	C	W	60	6	Eider sp.	1	> 100 m	F	NW	10
88	19/10/2010	2010	10	fall	7:31	Control	CS	C	W	60	6	Herring Gull	1	0 - 50 m	F	NE	1
88	19/10/2010	2010	10	fall	7:31	Control	CS	C	W	60	6	Great Black-backed Gull	1	> 100 m	F	NW	1
88	19/10/2010	2010	10	fall	7:31	Control	CS	C	W	60	6	Herring Gull	2	50 - 100 m	F	NW	1
88	19/10/2010	2010	10	fall	7:31	Control	CS	C	W	60	6	Great Black-backed Gull	2	> 100 m	F	NE	1
88	19/10/2010	2010	10	fall	7:31	Control	CS	C	W	60	6	Herring Gull	3	50 - 100 m	F	N	1
88	19/10/2010	2010	10	fall	7:31	Control	CS	C	W	60	6	Herring Gull	4	> 100 m	F	NE	2
88	19/10/2010	2010	10	fall	7:31	Control	CS	C	W	60	6	Herring Gull	5	> 100 m	F	NW	2
88	19/10/2010	2010	10	fall	7:31	Control	CS	C	W	60	6	Herring Gull	6	> 100 m	F	NW	1
88	19/10/2010	2010	10	fall	7:31	Control	CS	C	W	60	6	Herring Gull	7	> 100 m	F	W	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Double-crested Cormorant	1	> 100 m	F	NW	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	1	0 - 50 m	G	W	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Great Black-backed Gull	1	50 - 100 m	F	S	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Common Raven	1	50 - 100 m	F	S	2
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	2	0 - 50 m	F	NW	5
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Great Black-backed Gull	2	> 100 m	G	NW	6
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	3	50 - 100 m	G	NW	3
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Great Black-backed Gull	3	> 100 m	F	NE	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	4	50 - 100 m	F	SW	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	5	50 - 100 m	F	W	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	6	50 - 100 m	F	S	2
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	7	> 100 m	G	NW	100
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	8	> 100 m	F	NE	2
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	9	> 100 m	G	SW	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	10	> 100 m	F	NW	5
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	11	> 100 m	F	E	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	12	> 100 m	F	SW	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	13	> 100 m	F	N	3
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	14	> 100 m	F	NW	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	15	> 100 m	G	NW	10
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	16	> 100 m	G	SW	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	17	> 100 m	F	N	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	18	> 100 m	F	W	1
89	27/10/2010	2010	10	fall	9:23	T1	TSA	C	E	15	3	Herring Gull	19	> 100 m	F	SE	2
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	1	50 - 100 m	F	NE	2
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Great Black-backed Gull	1	50 - 100 m	F	NE	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Common Raven	1	50 - 100 m	F	W	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	2	50 - 100 m	F	NW	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Great Black-backed Gull	2	50 - 100 m	F	W	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Common Raven	2	50 - 100 m	F	NE	2
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	3	50 - 100 m	F	E	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Great Black-backed Gull	3	50 - 100 m	F	NE	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Common Raven	3	> 100 m	G	NE	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	4	50 - 100 m	F	SW	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Great Black-backed Gull	4	> 100 m	G	NW	25

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Common Raven	4	> 100 m	F	NE	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	5	50 - 100 m	F	SW	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Great Black-backed Gull	5	> 100 m	F	SW	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	6	50 - 100 m	G	NW	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	7	> 100 m	F	E	2
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	8	> 100 m	F	NW	3
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	9	> 100 m	F	W	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	10	> 100 m	F	S	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	11	> 100 m	F	W	2
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	12	> 100 m	F	SE	1
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	13	> 100 m	F	W	2
90	27/10/2010	2010	10	fall	11:55	T2	TSA	C	E	20	5	Herring Gull	14	> 100 m	G	NW	25
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Black Duck	1	0 - 50 m	G	NE	1
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Herring Gull	1	0 - 50 m	F	SE	1
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Common Raven	1	50 - 100 m	F	NW	1
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Savannah Sparrow	1	0 - 50 m	G	NE	1
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Herring Gull	2	50 - 100 m	F	NE	1
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Common Raven	2	> 100 m	G	W	1
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Herring Gull	3	50 - 100 m	F	SE	1
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Common Raven	3	> 100 m	F	E	1
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Herring Gull	4	50 - 100 m	F	NE	1
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Common Raven	4	> 100 m	F	SW	1
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Herring Gull	5	> 100 m	G	SW	1
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Herring Gull	6	> 100 m	F	SE	2
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Herring Gull	7	> 100 m	F	NW	1
91	27/10/2010	2010	10	fall	10:09	T3	TSA	C	E	20	3	Herring Gull	8	> 100 m	F	W	1
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Merlin	1	0 - 50 m	F	W	1
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	1	0 - 50 m	F	NW	1
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Great Black-backed Gull	1	0 - 50 m	F	S	3
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	2	0 - 50 m	F	NE	1
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Great Black-backed Gull	2	50 - 100 m	F	N	3
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	3	50 - 100 m	F	N	5
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Great Black-backed Gull	3	50 - 100 m	F	W	2
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	4	50 - 100 m	F	E	3
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Great Black-backed Gull	4	> 100 m	F	NW	1
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	5	50 - 100 m	F	SE	1
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Great Black-backed Gull	5	> 100 m	F	NW	1
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	6	50 - 100 m	F	SE	5
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Great Black-backed Gull	6	> 100 m	F	W	1
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	7	50 - 100 m	F	E	2
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Great Black-backed Gull	7	> 100 m	F	NW	2
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	8	> 100 m	F	NE	7
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	9	> 100 m	F	NE	4
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	10	> 100 m	F	W	1
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	11	> 100 m	F	S	2
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	12	> 100 m	F	N	2
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	13	> 100 m	F	W	1
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	14	> 100 m	F	NE	3
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	15	> 100 m	G	NE	3
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	16	> 100 m	F	NW	1
92	27/10/2010	2010	10	fall	8:10	Control	CS	C	E	10	2	Herring Gull	17	> 100 m	F	W	6
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Herring Gull	1	0 - 50 m	F	SE	1
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Great Black-backed Gull	1	50 - 100 m	G	N	1
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Common Raven	1	0 - 50 m	F	SE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Herring Gull	2	50 - 100 m	G	NW	6
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Great Black-backed Gull	2	> 100 m	G	W	4
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Common Raven	2	50 - 100 m	F	S	2
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Herring Gull	3	50 - 100 m	F	NW	3
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Great Black-backed Gull	3	> 100 m	F	E	1
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Herring Gull	4	50 - 100 m	G	NW	25
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Great Black-backed Gull	4	> 100 m	F	NE	1
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Herring Gull	5	50 - 100 m	F	W	1
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Great Black-backed Gull	5	> 100 m	F	SW	1
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Herring Gull	6	50 - 100 m	F	E	1
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Great Black-backed Gull	6	> 100 m	G	NE	1
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Herring Gull	7	> 100 m	G	W	20
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Great Black-backed Gull	7	> 100 m	F	N	1
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Herring Gull	8	> 100 m	F	SW	2
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Herring Gull	9	> 100 m	F	S	1
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Herring Gull	10	> 100 m	F	SW	2
93	11/06/2010	2010	11	fall	10:55	T1	TSA	C	S	25	11	Herring Gull	11	> 100 m	F	N	1
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Double-crested Cormorant	1	50 - 100 m	F	S	3
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Herring Gull	1	50 - 100 m	G	W	30
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Great Black-backed Gull	1	50 - 100 m	F	NW	2
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Common Raven	1	0 - 50 m	G	SW	1
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Herring Gull	2	50 - 100 m	F	SE	1
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Common Raven	2	50 - 100 m	F	NW	1
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Herring Gull	3	50 - 100 m	G	W	8
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Common Raven	3	50 - 100 m	F	S	1
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Herring Gull	4	50 - 100 m	F	N	1
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Common Raven	4	> 100 m	F	S	1
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Herring Gull	5	> 100 m	F	NW	2
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Common Raven	5	> 100 m	F	S	1
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Herring Gull	6	> 100 m	F	NW	2
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Common Raven	6	> 100 m	F	S	3
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Herring Gull	7	> 100 m	F	NW	1
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Herring Gull	8	> 100 m	F	SW	1
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Herring Gull	9	> 100 m	F	SE	1
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Herring Gull	10	> 100 m	F	W	2
94	11/06/2010	2010	11	fall	7:46	T2	TSA	C	S	30	10	Herring Gull	11	> 100 m	F	W	2
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Black Duck	1	50 - 100 m	F	NE	9
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Herring Gull	1	0 - 50 m	F	SW	1
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Great Black-backed Gull	1	50 - 100 m	F	N	1
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Common Raven	1	50 - 100 m	G	N	5
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Herring Gull	2	50 - 100 m	G	NW	6
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Great Black-backed Gull	2	50 - 100 m	F	N	1
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Common Raven	2	50 - 100 m	F	SW	2
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Herring Gull	3	50 - 100 m	F	W	1
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Great Black-backed Gull	3	> 100 m	F	NW	1
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Common Raven	3	> 100 m	F	W	2
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Herring Gull	4	50 - 100 m	F	E	2
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Great Black-backed Gull	4	> 100 m	F	SW	2
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Common Raven	4	> 100 m	F	NW	12
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Herring Gull	5	> 100 m	F	NE	1
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Great Black-backed Gull	5	> 100 m	F	W	1
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Herring Gull	6	> 100 m	F	NW	1
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Great Black-backed Gull	6	> 100 m	F	NE	1
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Herring Gull	7	> 100 m	F	SW	5

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Herring Gull	8	> 100 m	F	NW	3
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Herring Gull	9	> 100 m	F	NW	5
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Herring Gull	10	> 100 m	F	N	1
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Herring Gull	11	> 100 m	F	NE	1
95	11/06/2010	2010	11	fall	10:10	T3	TSA	C	S	25	11	Herring Gull	12	> 100 m	G	NW	6
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Eider sp.	1	50 - 100 m	G	N	12
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Herring Gull	1	50 - 100 m	F	NW	2
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Great Black-backed Gull	1	50 - 100 m	F	N	1
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Savannah Sparrow	1	0 - 50 m	F	SE	4
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Herring Gull	2	50 - 100 m	F	N	2
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Great Black-backed Gull	2	50 - 100 m	F	NE	3
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Herring Gull	3	50 - 100 m	F	NE	2
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Great Black-backed Gull	3	> 100 m	F	N	2
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Herring Gull	4	50 - 100 m	F	N	1
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Great Black-backed Gull	4	> 100 m	F	NE	3
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Herring Gull	5	> 100 m	F	NE	2
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Great Black-backed Gull	5	> 100 m	F	N	5
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Herring Gull	6	> 100 m	F	W	30
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Great Black-backed Gull	6	> 100 m	F	NE	2
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Herring Gull	7	> 100 m	F	NE	4
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Herring Gull	8	> 100 m	F	NE	6
96	11/06/2010	2010	11	fall	8:47	Control	CS	C	S	25	10	Herring Gull	9	> 100 m	F	N	1
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Eider sp.	1	> 100 m	F	N	7
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Red-breasted Merganser	1	> 100 m	F	NW	2
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Double-crested Cormorant	1	> 100 m	F	NW	2
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	1	0 - 50 m	F	NA	1
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Great Black-backed Gull	1	> 100 m	F	NW	3
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Common Murre	1	> 100 m	F	NE	3
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Snow Bunting	1	50 - 100 m	F	N	6
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	2	50 - 100 m	F	NE	1
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Great Black-backed Gull	2	> 100 m	F	N	1
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	3	> 100 m	F	NW	32
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Great Black-backed Gull	3	> 100 m	F	NW	8
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	4	> 100 m	F	SW	3
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Great Black-backed Gull	4	> 100 m	F	NW	1
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	5	> 100 m	F	N	22
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Great Black-backed Gull	5	> 100 m	G	NW	3
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	6	> 100 m	F	E	3
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	7	> 100 m	F	NW	29
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	8	> 100 m	F	N	2
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	9	> 100 m	F	NW	49
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	10	> 100 m	F	NE	8
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	11	> 100 m	F	N	10
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	12	> 100 m	F	NW	3
97	11/11/2010	2010	11	fall	8:19	T1	TSA	C	NE	35	1	Herring Gull	13	> 100 m	F	W	18
98	11/11/2010	2010	11	fall	6:45	T2	TSA	C	NE	35	-2	Herring Gull	1	50 - 100 m	F	SE	6
98	11/11/2010	2010	11	fall	6:45	T2	TSA	C	NE	35	-2	Great Black-backed Gull	1	> 100 m	G	NW	4
98	11/11/2010	2010	11	fall	6:45	T2	TSA	C	NE	35	-2	Common Raven	1	> 100 m	F	SW	2
98	11/11/2010	2010	11	fall	6:45	T2	TSA	C	NE	35	-2	Herring Gull	2	> 100 m	G	NW	26
98	11/11/2010	2010	11	fall	6:45	T2	TSA	C	NE	35	-2	Great Black-backed Gull	2	> 100 m	F	NW	38
98	11/11/2010	2010	11	fall	6:45	T2	TSA	C	NE	35	-2	Herring Gull	3	> 100 m	F	NW	350
98	11/11/2010	2010	11	fall	6:45	T2	TSA	C	NE	35	-2	Great Black-backed Gull	3	> 100 m	F	NW	6
98	11/11/2010	2010	11	fall	6:45	T2	TSA	C	NE	35	-2	Herring Gull	4	> 100 m	F	NW	43
98	11/11/2010	2010	11	fall	6:45	T2	TSA	C	NE	35	-2	Great Black-backed Gull	4	> 100 m	F	NW	5

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
98	11/11/2010	2010	11	fall	6:45	T2	TSA	C	NE	35	-2	Herring Gull	5	> 100 m	F	NW	24
99	11/11/2010	2010	11	fall	7:32	T3	TSA	C	NE	35	-1	Herring Gull	1	> 100 m	F	N	3
99	11/11/2010	2010	11	fall	7:32	T3	TSA	C	NE	35	-1	Great Black-backed Gull	1	> 100 m	F	N	1
99	11/11/2010	2010	11	fall	7:32	T3	TSA	C	NE	35	-1	Common Raven	1	0 - 50 m	G	NE	1
99	11/11/2010	2010	11	fall	7:32	T3	TSA	C	NE	35	-1	Herring Gull	2	> 100 m	F	NW	34
99	11/11/2010	2010	11	fall	7:32	T3	TSA	C	NE	35	-1	Great Black-backed Gull	2	> 100 m	G	NW	1
99	11/11/2010	2010	11	fall	7:32	T3	TSA	C	NE	35	-1	Common Raven	2	0 - 50 m	F	S	2
99	11/11/2010	2010	11	fall	7:32	T3	TSA	C	NE	35	-1	Great Black-backed Gull	3	> 100 m	F	NW	6
99	11/11/2010	2010	11	fall	7:32	T3	TSA	C	NE	35	-1	Common Raven	3	50 - 100 m	G	N	1
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Eider sp.	1	> 100 m	G	NW	24
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Long-tailed Duck	1	> 100 m	G	NW	3
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Herring Gull	1	0 - 50 m	F	S	2
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Great Black-backed Gull	1	> 100 m	F	E	1
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Black Guillemot	1	> 100 m	G	W	1
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Herring Gull	2	50 - 100 m	F	W	2
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Herring Gull	3	> 100 m	G	NW	2
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Herring Gull	4	> 100 m	F	N	2
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Herring Gull	5	> 100 m	F	W	2
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Herring Gull	6	> 100 m	F	NW	25
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Herring Gull	7	> 100 m	F	NW	17
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Herring Gull	8	> 100 m	F	N	1
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Herring Gull	9	> 100 m	F	NW	11
100	11/11/2010	2010	11	fall	10:50	Control	CS	C	NE	25	4	Herring Gull	10	> 100 m	F	E	6
101	17/11/2010	2010	11	fall	8:32	T1	TSA	C	NA	0	6	Eider sp.	1	> 100 m	G	NW	2
101	17/11/2010	2010	11	fall	8:32	T1	TSA	C	NA	0	6	Herring Gull	1	> 100 m	F	NW	1
101	17/11/2010	2010	11	fall	8:32	T1	TSA	C	NA	0	6	Great Black-backed Gull	1	> 100 m	G	NW	1
101	17/11/2010	2010	11	fall	8:32	T1	TSA	C	NA	0	6	Herring Gull	2	> 100 m	F	N	2
101	17/11/2010	2010	11	fall	8:32	T1	TSA	C	NA	0	6	Great Black-backed Gull	2	> 100 m	F	W	1
101	17/11/2010	2010	11	fall	8:32	T1	TSA	C	NA	0	6	Herring Gull	3	> 100 m	F	W	22
102	17/11/2010	2010	11	fall	7:46	T2	TSA	C	NA	0	6	Double-crested Cormorant	1	> 100 m	F	S	8
102	17/11/2010	2010	11	fall	7:46	T2	TSA	C	NA	0	6	Herring Gull	1	0 - 50 m	F	E	1
102	17/11/2010	2010	11	fall	7:46	T2	TSA	C	NA	0	6	American Crow	1	> 100 m	F	S	8
102	17/11/2010	2010	11	fall	7:46	T2	TSA	C	NA	0	6	Common Raven	1	> 100 m	F	SW	1
102	17/11/2010	2010	11	fall	7:46	T2	TSA	C	NA	0	6	European Starling	1	0 - 50 m	F	NE	16
102	17/11/2010	2010	11	fall	7:46	T2	TSA	C	NA	0	6	Herring Gull	2	> 100 m	F	E	1
102	17/11/2010	2010	11	fall	7:46	T2	TSA	C	NA	0	6	Herring Gull	3	> 100 m	F	NW	1
102	17/11/2010	2010	11	fall	7:46	T2	TSA	C	NA	0	6	Herring Gull	4	> 100 m	F	SW	4
102	17/11/2010	2010	11	fall	7:46	T2	TSA	C	NA	0	6	Herring Gull	5	> 100 m	F	W	2
102	17/11/2010	2010	11	fall	7:46	T2	TSA	C	NA	0	6	Herring Gull	6	> 100 m	F	S	2
102	17/11/2010	2010	11	fall	7:46	T2	TSA	C	NA	0	6	Herring Gull	7	> 100 m	F	S	1
102	17/11/2010	2010	11	fall	7:46	T2	TSA	C	NA	0	6	Herring Gull	8	> 100 m	F	SW	2
103	17/11/2010	2010	11	fall	7:01	T3	TSA	C	NA	0	6	Black Duck	1	50 - 100 m	G	NE	5
103	17/11/2010	2010	11	fall	7:01	T3	TSA	C	NA	0	6	Herring Gull	1	> 100 m	F	E	1
103	17/11/2010	2010	11	fall	7:01	T3	TSA	C	NA	0	6	Common Raven	1	50 - 100 m	G	N	2
103	17/11/2010	2010	11	fall	7:01	T3	TSA	C	NA	0	6	Common Raven	2	> 100 m	F	NE	1
104	17/11/2010	2010	11	fall	10:54	Control	CS	C	SE	10	6	Herring Gull	1	> 100 m	G	E	4
104	17/11/2010	2010	11	fall	10:54	Control	CS	C	SE	10	6	Great Black-backed Gull	1	> 100 m	G	E	6
104	17/11/2010	2010	11	fall	10:54	Control	CS	C	SE	10	6	Herring Gull	2	> 100 m	F	N	1
104	17/11/2010	2010	11	fall	10:54	Control	CS	C	SE	10	6	Great Black-backed Gull	2	> 100 m	F	NW	1
104	17/11/2010	2010	11	fall	10:54	Control	CS	C	SE	10	6	Great Black-backed Gull	3	> 100 m	F	NW	1
105	24/11/2010	2010	11	fall	7:00	T1	TSA	C	N	10	1	Herring Gull	1	> 100 m	G	NW	1
105	24/11/2010	2010	11	fall	7:00	T1	TSA	C	N	10	1	Great Black-backed Gull	1	> 100 m	F	SW	1
105	24/11/2010	2010	11	fall	7:00	T1	TSA	C	N	10	1	Common Raven	1	50 - 100 m	F	E	1
105	24/11/2010	2010	11	fall	7:00	T1	TSA	C	N	10	1	European Starling	1	0 - 50 m	F	NA	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
105	24/11/2010	2010	11	fall	7:00	T1	TSA	C	N	10	1	Snow Bunting	1	0 - 50 m	F	E	2
105	24/11/2010	2010	11	fall	7:00	T1	TSA	C	N	10	1	Herring Gull	2	> 100 m	G	NW	3
105	24/11/2010	2010	11	fall	7:00	T1	TSA	C	N	10	1	Common Raven	2	> 100 m	F	SE	3
105	24/11/2010	2010	11	fall	7:00	T1	TSA	C	N	10	1	Herring Gull	3	> 100 m	F	N	1
105	24/11/2010	2010	11	fall	7:00	T1	TSA	C	N	10	1	Herring Gull	4	> 100 m	F	E	1
106	24/11/2010	2010	11	fall	7:45	T2	TSA	C	N	10	1	Herring Gull	1	> 100 m	F	N	1
106	24/11/2010	2010	11	fall	7:45	T2	TSA	C	N	10	1	Common Raven	1	0 - 50 m	F	E	1
106	24/11/2010	2010	11	fall	7:45	T2	TSA	C	N	10	1	Common Raven	2	> 100 m	F	E	1
107	24/11/2010	2010	11	fall	8:33	T3	TSA	C	N	10	1	Herring Gull	1	> 100 m	G	NE	21
107	24/11/2010	2010	11	fall	8:33	T3	TSA	C	N	10	1	Common Raven	1	> 100 m	F	NE	3
108	24/11/2010	2010	11	fall	10:58	Control	CS	C	N	5	3	Common Loon	1	> 100 m	G	N	1
108	24/11/2010	2010	11	fall	10:58	Control	CS	C	N	5	3	Herring Gull	1	> 100 m	F	NW	1
108	24/11/2010	2010	11	fall	10:58	Control	CS	C	N	5	3	Great Black-backed Gull	1	> 100 m	F	W	1
108	24/11/2010	2010	11	fall	10:58	Control	CS	C	N	5	3	Black Guillemot	1	> 100 m	G	N	1
108	24/11/2010	2010	11	fall	10:58	Control	CS	C	N	5	3	Black Guillemot	2	> 100 m	G	NW	3
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Herring Gull	1	> 100 m	F	SW	2
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Great Black-backed Gull	1	> 100 m	F	SW	2
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Dovekie	1	> 100 m	F	NW	4
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Black Guillemot	1	> 100 m	F	NW	1
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	American Crow	1	50 - 100 m	G	N	8
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Common Raven	1	> 100 m	F	N	1
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Herring Gull	2	> 100 m	G	N	2
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Great Black-backed Gull	2	> 100 m	F	N	1
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Black Guillemot	2	> 100 m	G	W	1
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	American Crow	2	> 100 m	G	W	1
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Common Raven	2	> 100 m	F	NW	2
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Herring Gull	3	> 100 m	F	NW	2
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Black Guillemot	3	> 100 m	G	W	2
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Herring Gull	4	> 100 m	G	W	1
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Herring Gull	5	> 100 m	F	SW	2
109	17/12/2010	2010	12	fall	9:03	T1	TSA	C	NW	20	5	Herring Gull	6	> 100 m	F	NW	1
110	17/12/2010	2010	12	fall	8:19	T2	TSA	C	NW	20	5	Long-tailed Duck	1	> 100 m	F	NW	2
110	17/12/2010	2010	12	fall	8:19	T2	TSA	C	NW	20	5	Red-breasted Merganser	1	> 100 m	F	NW	1
110	17/12/2010	2010	12	fall	8:19	T2	TSA	C	NW	20	5	Double-crested Cormorant	1	> 100 m	F	W	1
110	17/12/2010	2010	12	fall	8:19	T2	TSA	C	NW	20	5	Herring Gull	1	> 100 m	F	NW	1
110	17/12/2010	2010	12	fall	8:19	T2	TSA	C	NW	20	5	Black Guillemot	1	> 100 m	F	NW	2
110	17/12/2010	2010	12	fall	8:19	T2	TSA	C	NW	20	5	Herring Gull	2	> 100 m	F	NW	1
110	17/12/2010	2010	12	fall	8:19	T2	TSA	C	NW	20	5	Black Guillemot	2	> 100 m	F	N	1
110	17/12/2010	2010	12	fall	8:19	T2	TSA	C	NW	20	5	Herring Gull	3	> 100 m	F	NW	6
110	17/12/2010	2010	12	fall	8:19	T2	TSA	C	NW	20	5	Herring Gull	4	> 100 m	F	NW	5
111	17/12/2010	2010	12	fall	7:35	T3	TSA	C	NW	20	5	Black Duck	1	50 - 100 m	G	NE	9
111	17/12/2010	2010	12	fall	7:35	T3	TSA	C	NW	20	5	Double-crested Cormorant	1	> 100 m	F	NW	1
111	17/12/2010	2010	12	fall	7:35	T3	TSA	C	NW	20	5	Herring Gull	1	> 100 m	F	NW	1
111	17/12/2010	2010	12	fall	7:35	T3	TSA	C	NW	20	5	Common Raven	1	> 100 m	F	E	1
111	17/12/2010	2010	12	fall	7:35	T3	TSA	C	NW	20	5	Common Raven	2	> 100 m	G	SW	3
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Long-tailed Duck	1	> 100 m	F	NW	2
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Double-crested Cormorant	1	> 100 m	F	NW	1
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Herring Gull	1	> 100 m	G	NW	8
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Great Black-backed Gull	1	> 100 m	G	NW	2
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Dovekie	1	> 100 m	F	NW	4
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Black Guillemot	1	> 100 m	F	NW	1
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Herring Gull	2	> 100 m	F	NW	4
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Great Black-backed Gull	2	> 100 m	F	S	3
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Black Guillemot	2	> 100 m	G	NW	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Herring Gull	3	> 100 m	F	N	2
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Great Black-backed Gull	3	> 100 m	F	NW	1
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Herring Gull	4	> 100 m	F	S	3
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Great Black-backed Gull	4	> 100 m	F	NW	1
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Herring Gull	5	> 100 m	F	E	40
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Great Black-backed Gull	5	> 100 m	F	NW	1
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Herring Gull	6	> 100 m	G	NW	4
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Herring Gull	7	> 100 m	F	NE	1
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Herring Gull	8	> 100 m	F	NW	3
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Herring Gull	9	> 100 m	F	S	1
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Herring Gull	10	> 100 m	F	NW	4
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Herring Gull	11	> 100 m	F	NW	3
112	17/12/2010	2010	12	fall	11:29	Control	CS	C	NW	20	5	Herring Gull	12	> 100 m	F	E	2
113	15/01/2011	2011	1	winter	8:55	T1	TSA	C	NE	10	0	Eider sp.	1	> 100 m	G	NW	1
113	15/01/2011	2011	1	winter	8:55	T1	TSA	C	NE	10	0	Harlequin Duck	1	> 100 m	G	NW	2
113	15/01/2011	2011	1	winter	8:55	T1	TSA	C	NE	10	0	Killdeer	1	50 - 100 m	G	SW	1
113	15/01/2011	2011	1	winter	8:55	T1	TSA	C	NE	10	0	Herring Gull	1	> 100 m	F	NW	2
113	15/01/2011	2011	1	winter	8:55	T1	TSA	C	NE	10	0	Great Black-backed Gull	1	> 100 m	F	NW	1
113	15/01/2011	2011	1	winter	8:55	T1	TSA	C	NE	10	0	Black Guillemot	1	> 100 m	G	NW	1
113	15/01/2011	2011	1	winter	8:55	T1	TSA	C	NE	10	0	Herring Gull	2	> 100 m	F	NW	1
113	15/01/2011	2011	1	winter	8:55	T1	TSA	C	NE	10	0	Herring Gull	3	> 100 m	F	NW	1
114	15/01/2011	2011	1	winter	9:40	T2	TSA	C	NE	10	0	Eider sp.	1	> 100 m	G	NW	2
114	15/01/2011	2011	1	winter	9:40	T2	TSA	C	NE	10	0	Killdeer	1	50 - 100 m	F	SW	1
114	15/01/2011	2011	1	winter	9:40	T2	TSA	C	NE	10	0	Herring Gull	1	> 100 m	F	NW	2
114	15/01/2011	2011	1	winter	9:40	T2	TSA	C	NE	10	0	Black Guillemot	1	> 100 m	G	NW	5
114	15/01/2011	2011	1	winter	9:40	T2	TSA	C	NE	10	0	Common Raven	1	> 100 m	F	W	3
114	15/01/2011	2011	1	winter	9:40	T2	TSA	C	NE	10	0	Killdeer	2	> 100 m	F	S	1
114	15/01/2011	2011	1	winter	9:40	T2	TSA	C	NE	10	0	Herring Gull	2	> 100 m	G	NW	9
114	15/01/2011	2011	1	winter	9:40	T2	TSA	C	NE	10	0	Common Raven	2	> 100 m	G	NW	1
114	15/01/2011	2011	1	winter	9:40	T2	TSA	C	NE	10	0	Killdeer	3	0 - 50 m	F	NE	1
114	15/01/2011	2011	1	winter	9:40	T2	TSA	C	NE	10	0	Herring Gull	3	> 100 m	G	NE	1
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Double-crested Cormorant	1	> 100 m	F	NE	13
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Killdeer	1	50 - 100 m	G	N	1
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Herring Gull	1	50 - 100 m	G	N	1
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Great Black-backed Gull	1	> 100 m	F	N	1
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	American Crow	1	50 - 100 m	G	N	4
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Common Raven	1	50 - 100 m	G	N	2
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Double-crested Cormorant	2	> 100 m	G	NW	1
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Killdeer	2	50 - 100 m	G	NE	1
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Herring Gull	2	> 100 m	F	N	2
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Double-crested Cormorant	3	> 100 m	F	N	1
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Herring Gull	3	> 100 m	F	NE	1
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Double-crested Cormorant	4	> 100 m	F	NW	1
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Herring Gull	4	> 100 m	F	N	1
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Herring Gull	5	50 - 100 m	G	N	1
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Herring Gull	6	> 100 m	G	NW	5
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Herring Gull	7	> 100 m	F	NW	1
115	15/01/2011	2011	1	winter	10:26	T3	TSA	C	NE	10	0	Herring Gull	8	> 100 m	F	NE	2
116	15/01/2011	2011	1	winter	7:30	Control	CS	C	NE	10	0	Eider sp.	1	> 100 m	G	NW	3
116	15/01/2011	2011	1	winter	7:30	Control	CS	C	NE	10	0	Herring Gull	1	> 100 m	F	NE	1
116	15/01/2011	2011	1	winter	7:30	Control	CS	C	NE	10	0	Dovekie	1	> 100 m	G	NE	1
116	15/01/2011	2011	1	winter	7:30	Control	CS	C	NE	10	0	Common Raven	1	> 100 m	F	W	1
117	18/02/2011	2011	2	winter	NA	T1	TSA	C	NW	NA	0	Herring Gull	1	> 100 m	F	NW	2
117	18/02/2011	2011	2	winter	NA	T1	TSA	C	NW	NA	0	Common Raven	1	> 100 m	G	SE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
117	18/02/2011	2011	2	winter	NA	T1	TSA	C	NW	NA	0	Herring Gull	2	> 100 m	G	NW	1
117	18/02/2011	2011	2	winter	NA	T1	TSA	C	NW	NA	0	Herring Gull	3	> 100 m	F	NW	1
117	18/02/2011	2011	2	winter	NA	T1	TSA	C	NW	NA	0	Herring Gull	4	> 100 m	F	NW	3
117	18/02/2011	2011	2	winter	NA	T1	TSA	C	NW	NA	0	Herring Gull	5	> 100 m	F	N	2
117	18/02/2011	2011	2	winter	NA	T1	TSA	C	NW	NA	0	Herring Gull	6	> 100 m	F	NW	1
118	18/02/2011	2011	2	winter	NA	T2	TSA	C	NW	NA	-1	Herring Gull	1	> 100 m	F	NW	2
118	18/02/2011	2011	2	winter	NA	T2	TSA	C	NW	NA	-1	American Crow	1	> 100 m	G	NW	7
118	18/02/2011	2011	2	winter	NA	T2	TSA	C	NW	NA	-1	Common Raven	1	> 100 m	G	SW	1
118	18/02/2011	2011	2	winter	NA	T2	TSA	C	NW	NA	-1	Herring Gull	2	> 100 m	G	NW	1
118	18/02/2011	2011	2	winter	NA	T2	TSA	C	NW	NA	-1	Common Raven	2	> 100 m	F	SW	1
118	18/02/2011	2011	2	winter	NA	T2	TSA	C	NW	NA	-1	Herring Gull	3	> 100 m	F	NW	7
118	18/02/2011	2011	2	winter	NA	T2	TSA	C	NW	NA	-1	Herring Gull	4	> 100 m	F	N	2
118	18/02/2011	2011	2	winter	NA	T2	TSA	C	NW	NA	-1	Herring Gull	5	> 100 m	F	NA	NA
118	18/02/2011	2011	2	winter	NA	T2	TSA	C	NW	NA	-1	Herring Gull	6	> 100 m	F	NE	4
118	18/02/2011	2011	2	winter	NA	T2	TSA	C	NW	NA	-1	Herring Gull	7	> 100 m	F	NW	3
118	18/02/2011	2011	2	winter	NA	T2	TSA	C	NW	NA	-1	Herring Gull	8	> 100 m	F	N	1
119	18/02/2011	2011	2	winter	NA	T3	TSA	C	N	NA	-4	Herring Gull	1	> 100 m	F	NW	4
119	18/02/2011	2011	2	winter	NA	T3	TSA	C	N	NA	-4	Common Raven	1	50 - 100 m	F	N	1
119	18/02/2011	2011	2	winter	NA	T3	TSA	C	N	NA	-4	Herring Gull	2	> 100 m	F	N	2
119	18/02/2011	2011	2	winter	NA	T3	TSA	C	N	NA	-4	Herring Gull	3	> 100 m	F	NE	3
119	18/02/2011	2011	2	winter	NA	T3	TSA	C	N	NA	-4	Herring Gull	4	> 100 m	G	NE	1
119	18/02/2011	2011	2	winter	NA	T3	TSA	C	N	NA	-4	Herring Gull	5	0 - 50 m	F	N	1
119	18/02/2011	2011	2	winter	NA	T3	TSA	C	N	NA	-4	Herring Gull	6	> 100 m	F	N	6
119	18/02/2011	2011	2	winter	NA	T3	TSA	C	N	NA	-4	Herring Gull	7	> 100 m	F	NW	1
120	18/02/2011	2011	2	winter	NA	Control	CS	C	N	NA	-2	Puple Sandpiper	1	> 100 m	G	NE	1
120	18/02/2011	2011	2	winter	NA	Control	CS	C	N	NA	-2	Herring Gull	1	> 100 m	F	E	1
120	18/02/2011	2011	2	winter	NA	Control	CS	C	N	NA	-2	Great Black-backed Gull	1	> 100 m	F	W	1
120	18/02/2011	2011	2	winter	NA	Control	CS	C	N	NA	-2	Black Guillemot	1	> 100 m	G	W	1
120	18/02/2011	2011	2	winter	NA	Control	CS	C	N	NA	-2	Common Raven	1	50 - 100 m	F	N	4
120	18/02/2011	2011	2	winter	NA	Control	CS	C	N	NA	-2	Snow Bunting	1	0 - 50 m	F	S	5
120	18/02/2011	2011	2	winter	NA	Control	CS	C	N	NA	-2	Herring Gull	2	> 100 m	F	NE	1
120	18/02/2011	2011	2	winter	NA	Control	CS	C	N	NA	-2	Herring Gull	3	> 100 m	G	NE	1
120	18/02/2011	2011	2	winter	NA	Control	CS	C	N	NA	-2	Herring Gull	4	> 100 m	F	E	1
121	16/03/2011	2011	3	winter	10:15	T1	TSA	C	W	NA	2	Double-crested Cormorant	1	> 100 m	G	NW	3
121	16/03/2011	2011	3	winter	10:15	T1	TSA	C	W	NA	2	Herring Gull	1	> 100 m	G	NW	7
121	16/03/2011	2011	3	winter	10:15	T1	TSA	C	W	NA	2	Common Raven	1	> 100 m	F	SW	1
121	16/03/2011	2011	3	winter	10:15	T1	TSA	C	W	NA	2	Double-crested Cormorant	2	> 100 m	G	NW	1
121	16/03/2011	2011	3	winter	10:15	T1	TSA	C	W	NA	2	Herring Gull	2	> 100 m	F	E	1
121	16/03/2011	2011	3	winter	10:15	T1	TSA	C	W	NA	2	Herring Gull	3	> 100 m	F	NW	2
121	16/03/2011	2011	3	winter	10:15	T1	TSA	C	W	NA	2	Herring Gull	4	> 100 m	F	SE	2
121	16/03/2011	2011	3	winter	10:15	T1	TSA	C	W	NA	2	Herring Gull	5	> 100 m	G	N	1
121	16/03/2011	2011	3	winter	10:15	T1	TSA	C	W	NA	2	Herring Gull	6	> 100 m	G	NW	2
121	16/03/2011	2011	3	winter	10:15	T1	TSA	C	W	NA	2	Herring Gull	7	> 100 m	F	NW	2
121	16/03/2011	2011	3	winter	10:15	T1	TSA	C	W	NA	2	Herring Gull	8	> 100 m	F	N	1
122	16/03/2011	2011	3	winter	6:56	T2	TSA	C	W	NA	-1	Herring Gull	1	50 - 100 m	F	S	1
122	16/03/2011	2011	3	winter	6:56	T2	TSA	C	W	NA	-1	Common Raven	1	> 100 m	F	S	3
122	16/03/2011	2011	3	winter	6:56	T2	TSA	C	W	NA	-1	Herring Gull	2	> 100 m	F	NW	1
122	16/03/2011	2011	3	winter	6:56	T2	TSA	C	W	NA	-1	Herring Gull	3	> 100 m	F	SE	3
122	16/03/2011	2011	3	winter	6:56	T2	TSA	C	W	NA	-1	Herring Gull	4	> 100 m	F	S	2
122	16/03/2011	2011	3	winter	6:56	T2	TSA	C	W	NA	-1	Herring Gull	5	50 - 100 m	F	SW	1
122	16/03/2011	2011	3	winter	6:56	T2	TSA	C	W	NA	-1	Herring Gull	6	> 100 m	F	W	2
122	16/03/2011	2011	3	winter	6:56	T2	TSA	C	W	NA	-1	Herring Gull	7	> 100 m	F	NW	3
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Double-crested Cormorant	1	> 100 m	F	N	1
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	1	> 100 m	G	NE	8

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Great Black-backed Gull	1	> 100 m	G	NW	2
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Common Raven	1	50 - 100 m	F	NW	1
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Double-crested Cormorant	2	> 100 m	G	NW	4
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	2	> 100 m	F	NE	2
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Great Black-backed Gull	2	> 100 m	F	SE	5
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Common Raven	2	> 100 m	F	SE	5
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	3	> 100 m	F	E	2
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	4	> 100 m	F	NE	1
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	5	> 100 m	F	N	2
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	6	> 100 m	G	W	1
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	7	> 100 m	G	NW	3
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	8	> 100 m	F	NW	2
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	9	> 100 m	F	W	1
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	10	50 - 100 m	G	NE	3
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	11	> 100 m	F	N	1
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	12	> 100 m	F	NW	1
123	16/03/2011	2011	3	winter	7:43	T3	TSA	C	W	NA	-1	Herring Gull	13	> 100 m	F	NE	1
124	16/03/2011	2011	3	winter	8:53	Control	CS	C	W	NA	1	Herring Gull	1	> 100 m	G	N	2
124	16/03/2011	2011	3	winter	8:53	Control	CS	C	W	NA	1	Herring Gull	2	> 100 m	G	NE	1
124	16/03/2011	2011	3	winter	8:53	Control	CS	C	W	NA	1	Herring Gull	3	> 100 m	F	N	2
124	16/03/2011	2011	3	winter	8:53	Control	CS	C	W	NA	1	Herring Gull	4	> 100 m	G	NW	1
124	16/03/2011	2011	3	winter	8:53	Control	CS	C	W	NA	1	Herring Gull	5	> 100 m	F	NE	1
124	16/03/2011	2011	3	winter	8:53	Control	CS	C	W	NA	1	Herring Gull	6	50 - 100 m	F	NW	1
124	16/03/2011	2011	3	winter	8:53	Control	CS	C	W	NA	1	Herring Gull	7	> 100 m	F	NW	1
124	16/03/2011	2011	3	winter	8:53	Control	CS	C	W	NA	1	Herring Gull	8	> 100 m	F	NE	1
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Double-crested Cormorant	1	> 100 m	G	NW	1
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Herring Gull	1	0 - 50 m	F	E	1
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Great Black-backed Gull	1	50 - 100 m	G	W	1
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Common Raven	1	> 100 m	F	E	1
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Song Sparrow	1	> 100 m	G	S	1
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Double-crested Cormorant	2	> 100 m	F	N	7
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Herring Gull	2	50 - 100 m	G	NW	1
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Great Black-backed Gull	2	> 100 m	F	NW	3
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Double-crested Cormorant	3	> 100 m	F	NW	1
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Herring Gull	3	> 100 m	G	NW	2
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Great Black-backed Gull	3	> 100 m	F	SW	1
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Herring Gull	4	> 100 m	F	SW	2
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Great Black-backed Gull	4	> 100 m	F	W	1
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Herring Gull	5	> 100 m	F	N	2
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Great Black-backed Gull	5	> 100 m	F	W	2
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Herring Gull	6	> 100 m	F	S	4
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Herring Gull	7	> 100 m	G	W	3
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Herring Gull	8	> 100 m	F	N	3
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Herring Gull	9	> 100 m	F	E	2
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Herring Gull	10	> 100 m	F	E	2
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Herring Gull	11	> 100 m	G	W	4
125	04/07/2011	2011	4	spring	7:01	T1	TSA	C	NW	15	0	Herring Gull	12	> 100 m	F	E	1
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Eider sp.	1	> 100 m	F	NW	3
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	1	50 - 100 m	F	E	2
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Common Raven	1	50 - 100 m	F	W	1
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	2	> 100 m	F	W	2
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Common Raven	2	> 100 m	F	S	2
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	3	> 100 m	F	NW	5
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Common Raven	3	> 100 m	F	SW	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	4	> 100 m	F	S	1
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	5	> 100 m	F	E	2
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	6	> 100 m	G	W	2
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	7	> 100 m	F	NW	3
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	8	> 100 m	F	S	8
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	9	> 100 m	F	E	4
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	10	> 100 m	F	NE	1
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	11	> 100 m	F	SW	1
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	12	> 100 m	F	SE	13
126	04/07/2011	2011	4	spring	6:15	T2	TSA	C	NW	15	0	Herring Gull	13	> 100 m	F	N	1
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Black Duck	1	50 - 100 m	F	NE	2
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	1	0 - 50 m	F	NE	1
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Great Black-backed Gull	1	0 - 50 m	G	NE	2
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Common Raven	1	> 100 m	F	W	1
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Snow Bunting	1	50 - 100 m	G	N	1
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	2	0 - 50 m	F	W	2
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Great Black-backed Gull	2	> 100 m	F	NW	1
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	3	50 - 100 m	G	NE	2
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Great Black-backed Gull	3	> 100 m	G	NE	2
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	4	50 - 100 m	G	E	1
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	5	> 100 m	F	N	2
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	6	> 100 m	F	E	1
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	7	> 100 m	F	NW	7
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	8	> 100 m	F	NE	4
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	9	> 100 m	F	W	1
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	10	> 100 m	F	N	1
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	11	> 100 m	G	NE	8
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	12	> 100 m	F	NE	2
127	04/07/2011	2011	4	spring	9:40	T3	TSA	C	NW	15	2	Herring Gull	13	> 100 m	F	N	2
128	04/07/2011	2011	4	spring	8:14	Control	CS	C	NW	15	1	Black Duck	1	50 - 100 m	F	N	2
128	04/07/2011	2011	4	spring	8:14	Control	CS	C	NW	15	1	Double-crested Cormorant	1	> 100 m	F	NE	1
128	04/07/2011	2011	4	spring	8:14	Control	CS	C	NW	15	1	Herring Gull	1	0 - 50 m	F	W	1
128	04/07/2011	2011	4	spring	8:14	Control	CS	C	NW	15	1	Herring Gull	2	> 100 m	F	SE	1
128	04/07/2011	2011	4	spring	8:14	Control	CS	C	NW	15	1	Herring Gull	3	> 100 m	F	W	1
128	04/07/2011	2011	4	spring	8:14	Control	CS	C	NW	15	1	Herring Gull	4	> 100 m	F	E	1
128	04/07/2011	2011	4	spring	8:14	Control	CS	C	NW	15	1	Herring Gull	5	> 100 m	F	NW	1
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Bald Eagle	1	50 - 100 m	F	NW	1
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Herring Gull	1	50 - 100 m	F	W	1
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Great Black-backed Gull	1	> 100 m	F	W	1
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Common Raven	1	> 100 m	F	W	2
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Bald Eagle	2	50 - 100 m	F	W	1
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Herring Gull	2	> 100 m	F	NW	5
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Herring Gull	3	> 100 m	F	NW	5
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Herring Gull	4	> 100 m	F	N	5
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Herring Gull	5	> 100 m	G	NW	18
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Herring Gull	6	> 100 m	F	S	1
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Herring Gull	7	> 100 m	F	E	1
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Herring Gull	8	> 100 m	F	SW	1
129	13/04/2011	2011	4	spring	7:28	T1	TSA	C	NW	20	1	Herring Gull	9	> 100 m	F	NE	1
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Canada Goose	1	> 100 m	G	NE	4
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Black Duck	1	> 100 m	F	NE	2
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Double-crested Cormorant	1	> 100 m	F	N	1
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Herring Gull	1	0 - 50 m	F	S	2
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Great Black-backed Gull	1	0 - 50 m	F	S	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	American Robin	1	> 100 m	F	SE	2
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Double-crested Cormorant	2	> 100 m	F	S	2
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Herring Gull	2	0 - 50 m	F	NW	1
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Great Black-backed Gull	2	50 - 100 m	F	NW	1
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Herring Gull	3	> 100 m	F	N	4
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Great Black-backed Gull	3	> 100 m	F	NW	2
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Herring Gull	4	> 100 m	F	NE	3
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Great Black-backed Gull	4	> 100 m	F	SE	1
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Herring Gull	5	> 100 m	F	NW	1
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Great Black-backed Gull	5	> 100 m	F	NW	8
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Herring Gull	6	> 100 m	F	NW	2
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Great Black-backed Gull	6	> 100 m	F	N	1
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Herring Gull	7	> 100 m	F	N	1
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Great Black-backed Gull	7	> 100 m	F	NW	1
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Herring Gull	8	> 100 m	F	NW	8
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Herring Gull	9	> 100 m	F	N	1
130	13/04/2011	2011	4	spring	6:44	T2	TSA	C	NW	15	0	Herring Gull	10	> 100 m	F	NW	11
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Black Duck	1	50 - 100 m	G	NE	3
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Green-winged Teal	1	50 - 100 m	G	NE	1
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Herring Gull	1	0 - 50 m	F	NE	2
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Great Black-backed Gull	1	50 - 100 m	G	N	1
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Herring Gull	2	50 - 100 m	F	N	1
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Great Black-backed Gull	2	50 - 100 m	F	NE	2
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Herring Gull	3	50 - 100 m	F	E	1
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Great Black-backed Gull	3	> 100 m	F	N	1
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Herring Gull	4	50 - 100 m	F	E	1
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Herring Gull	5	> 100 m	F	NE	2
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Herring Gull	6	> 100 m	F	N	3
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Herring Gull	7	> 100 m	F	NW	1
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Herring Gull	8	> 100 m	F	NE	2
131	13/04/2011	2011	4	spring	6:00	T3	TSA	C	NW	15	0	Herring Gull	9	> 100 m	F	E	4
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Canada Goose	1	> 100 m	F	N	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Red-breasted Merganser	1	> 100 m	F	N	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Spotted Sandpiper	1	50 - 100 m	F	N	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Purple Sandpiper	1	50 - 100 m	F	N	7
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	1	50 - 100 m	F	W	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Great Black-backed Gull	1	> 100 m	F	W	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Common Raven	1	> 100 m	G	SW	3
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Horned Lark	1	> 100 m	G	N	3
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Canada Goose	2	> 100 m	F	S	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Purple Sandpiper	2	50 - 100 m	G	N	40
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	2	50 - 100 m	F	N	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Great Black-backed Gull	2	> 100 m	F	SW	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Common Raven	2	> 100 m	F	SW	2
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	3	50 - 100 m	F	SW	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Great Black-backed Gull	3	> 100 m	F	NE	2
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Common Raven	3	> 100 m	F	N	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	4	> 100 m	G	E	8
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Great Black-backed Gull	4	> 100 m	F	W	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	5	> 100 m	G	SW	2
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	6	> 100 m	F	NE	2
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	7	> 100 m	F	E	2
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	8	> 100 m	F	E	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	9	> 100 m	F	NW	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	10	> 100 m	F	NE	8
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	11	> 100 m	F	W	1
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	12	> 100 m	G	NE	2
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	13	> 100 m	F	NW	4
132	13/04/2011	2011	4	spring	8:34	Control	CS	C	NW	20	1	Herring Gull	14	> 100 m	F	E	6
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Black Duck	1	> 100 m	G	SW	2
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Eider sp.	1	> 100 m	G	NW	1
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Double-crested Cormorant	1	> 100 m	G	NW	1
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Puple Sandpiper	1	> 100 m	G	NW	30
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Herring Gull	1	> 100 m	G	NW	1
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Great Black-backed Gull	1	> 100 m	F	NW	1
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Common Raven	1	> 100 m	G	NW	1
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Herring Gull	2	> 100 m	G	SW	1
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Great Black-backed Gull	2	> 100 m	F	N	1
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Herring Gull	3	> 100 m	F	NW	2
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Great Black-backed Gull	3	> 100 m	F	NW	1
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Herring Gull	4	> 100 m	F	SW	2
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Herring Gull	5	> 100 m	F	NW	3
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Herring Gull	6	> 100 m	F	SW	1
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Herring Gull	7	> 100 m	F	NW	1
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Herring Gull	8	> 100 m	F	N	1
133	21/04/2011	2011	4	spring	8:59	T1	TSA	C	E	25	1	Herring Gull	9	> 100 m	F	W	1
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Black Duck	1	> 100 m	G	SW	1
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Double-crested Cormorant	1	> 100 m	G	NW	1
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Herring Gull	1	> 100 m	G	SW	1
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Great Black-backed Gull	1	> 100 m	F	NE	1
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Common Raven	1	> 100 m	F	NE	1
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Snow Bunting	1	0 - 50 m	F	E	4
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Herring Gull	2	> 100 m	F	E	1
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Herring Gull	3	> 100 m	F	N	1
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Herring Gull	4	> 100 m	F	N	6
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Herring Gull	5	> 100 m	F	W	1
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Herring Gull	6	> 100 m	F	S	2
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Herring Gull	7	> 100 m	F	N	1
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Herring Gull	8	> 100 m	F	NW	3
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Herring Gull	9	> 100 m	F	SW	1
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Herring Gull	10	> 100 m	F	NE	1
134	21/04/2011	2011	4	spring	7:20	T2	TSA	C	E	25	1	Herring Gull	11	> 100 m	F	NW	1
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Black Duck	1	50 - 100 m	G	NW	1
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Green-winged Teal	1	50 - 100 m	G	NE	1
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Herring Gull	1	0 - 50 m	F	NE	2
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Great Black-backed Gull	1	50 - 100 m	F	N	1
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Common Raven	1	50 - 100 m	G	N	1
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Herring Gull	2	50 - 100 m	G	NE	11
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Great Black-backed Gull	2	50 - 100 m	F	NE	1
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Common Raven	2	50 - 100 m	F	NW	1
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Herring Gull	3	50 - 100 m	F	NW	1
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Herring Gull	4	> 100 m	G	NE	1
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Herring Gull	5	> 100 m	F	NE	1
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Herring Gull	6	> 100 m	F	NW	1
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Herring Gull	7	> 100 m	F	E	2
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Herring Gull	8	> 100 m	F	NW	2
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Herring Gull	9	> 100 m	F	N	1
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Herring Gull	10	> 100 m	F	NE	3

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
135	21/04/2011	2011	4	spring	8:13	T3	TSA	C	E	25	1	Herring Gull	11	> 100 m	F	NW	1
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Red-breasted Merganser	1	> 100 m	F	NE	1
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Herring Gull	1	50 - 100 m	G	W	1
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Great Black-backed Gull	1	> 100 m	F	E	1
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Common Raven	1	> 100 m	F	NE	1
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Snow Bunting	1	50 - 100 m	G	SW	4
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Herring Gull	2	> 100 m	F	SW	2
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Great Black-backed Gull	2	> 100 m	G	N	1
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Herring Gull	3	> 100 m	F	NE	2
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Great Black-backed Gull	3	> 100 m	F	N	2
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Herring Gull	4	> 100 m	F	E	1
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Herring Gull	5	> 100 m	F	E	3
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Herring Gull	6	> 100 m	F	N	1
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Herring Gull	7	> 100 m	F	NW	3
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Herring Gull	8	> 100 m	G	N	3
136	21/04/2011	2011	4	spring	5:55	Control	CS	C	E	20	0	Herring Gull	9	> 100 m	G	E	10
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Black Duck	1	> 100 m	F	S	2
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Double-crested Cormorant	1	> 100 m	G	NW	2
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	1	0 - 50 m	F	S	4
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Great Black-backed Gull	1	0 - 50 m	F	E	1
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Common Raven	1	> 100 m	F	SW	1
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	2	0 - 50 m	F	E	1
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Great Black-backed Gull	2	> 100 m	G	NW	2
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	3	0 - 50 m	F	W	1
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Great Black-backed Gull	3	> 100 m	F	E	1
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	4	50 - 100 m	G	N	1
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	5	> 100 m	G	W	1
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	6	> 100 m	F	E	1
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	7	> 100 m	F	NE	7
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	8	> 100 m	F	SE	1
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	9	> 100 m	F	N	2
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	10	> 100 m	F	NW	3
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	11	> 100 m	F	NE	4
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	12	> 100 m	F	E	4
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	13	> 100 m	F	E	2
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	14	> 100 m	F	W	1
137	27/04/2011	2011	4	spring	5:45	T1	TSA	C	E	15	3	Herring Gull	15	> 100 m	F	NW	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Eider sp.	1	> 100 m	F	NW	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Double-crested Cormorant	1	> 100 m	G	NW	3
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Merlin	1	> 100 m	F	N	2
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	1	> 100 m	G	NW	4
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Great Black-backed Gull	1	0 - 50 m	F	NW	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Common Raven	1	50 - 100 m	F	N	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Double-crested Cormorant	2	> 100 m	G	NW	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	2	> 100 m	G	W	5
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Great Black-backed Gull	2	50 - 100 m	F	E	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Common Raven	2	> 100 m	F	E	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	3	> 100 m	G	NE	13
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Great Black-backed Gull	3	> 100 m	G	NW	3
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	4	> 100 m	G	NW	3
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Great Black-backed Gull	4	> 100 m	F	N	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	5	> 100 m	G	NW	2
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Great Black-backed Gull	5	> 100 m	F	N	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	6	> 100 m	F	NE	6

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Great Black-backed Gull	6	> 100 m	F	NW	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	7	> 100 m	F	N	4
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Great Black-backed Gull	7	> 100 m	F	NW	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	8	> 100 m	F	SE	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	9	> 100 m	F	NW	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	10	> 100 m	F	E	2
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	11	> 100 m	F	SE	2
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	12	> 100 m	F	S	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	13	> 100 m	F	E	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	14	> 100 m	F	N	3
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	15	> 100 m	F	NW	1
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	16	> 100 m	F	NE	34
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	17	> 100 m	F	SW	2
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	18	> 100 m	F	S	3
138	27/04/2011	2011	4	spring	7:15	T2	TSA	C	E	15	4	Herring Gull	19	> 100 m	F	NW	1
139	27/04/2011	2011	4	spring	6:30	T3	TSA	C	E	15	3	Black Duck	1	> 100 m	F	E	1
139	27/04/2011	2011	4	spring	6:30	T3	TSA	C	E	15	3	Double-crested Cormorant	1	> 100 m	F	N	5
139	27/04/2011	2011	4	spring	6:30	T3	TSA	C	E	15	3	Bald Eagle	1	0 - 50 m	F	E,W	2
139	27/04/2011	2011	4	spring	6:30	T3	TSA	C	E	15	3	Great Black-backed Gull	1	50 - 100 m	G	NE	2
139	27/04/2011	2011	4	spring	6:30	T3	TSA	C	E	15	3	Great Black-backed Gull	2	> 100 m	F	N	1
140	27/04/2011	2011	4	spring	8:30	Control	CS	C	E	15	NA	Great Black-backed Gull	1	50 - 100 m	F	N	1
140	27/04/2011	2011	4	spring	8:30	Control	CS	C	E	15	NA	American Crow	1	50 - 100 m	G	NW	1
140	27/04/2011	2011	4	spring	8:30	Control	CS	C	E	15	NA	Common Raven	1	> 100 m	F	SE	1
140	27/04/2011	2011	4	spring	8:30	Control	CS	C	E	15	NA	Horned Lark	1	50 - 100 m	G	N	1
140	27/04/2011	2011	4	spring	8:30	Control	CS	C	E	15	NA	Great Black-backed Gull	2	50 - 100 m	F	NW	1
140	27/04/2011	2011	4	spring	8:30	Control	CS	C	E	15	NA	Great Black-backed Gull	3	> 100 m	G	NE	1
140	27/04/2011	2011	4	spring	8:30	Control	CS	C	E	15	NA	Great Black-backed Gull	4	> 100 m	G	N	1
140	27/04/2011	2011	4	spring	8:30	Control	CS	C	E	15	NA	Great Black-backed Gull	5	> 100 m	F	N	1
140	27/04/2011	2011	4	spring	8:30	Control	CS	C	E	15	NA	Great Black-backed Gull	6	> 100 m	F	NW	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Herring Gull	1	50 - 100 m	F	W	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Great Black-backed Gull	1	50 - 100 m	F	NW	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Common Raven	1	> 100 m	F	S	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Song Sparrow	1	50 - 100 m	G	S	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Herring Gull	2	50 - 100 m	G	N	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Great Black-backed Gull	2	> 100 m	G	W	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Herring Gull	3	50 - 100 m	F	NW	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Herring Gull	4	50 - 100 m	F	N	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Herring Gull	5	> 100 m	G	W	2
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Herring Gull	6	> 100 m	F	SW	2
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Herring Gull	7	> 100 m	F	N	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Herring Gull	8	> 100 m	F	S	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Herring Gull	9	> 100 m	G	NW	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Herring Gull	10	> 100 m	G	NW	4
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Herring Gull	11	> 100 m	G	W	1
141	05/04/2011	2011	5	spring	5:30	T1	TSA	C	SE	15	3	Herring Gull	12	> 100 m	F	NW	4
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Greater Yellowlegs	1	> 100 m	F	E	2
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	1	0 - 50 m	F	W	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Great Black-backed Gull	1	50 - 100 m	F	NW	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	2	0 - 50 m	F	SW	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Great Black-backed Gull	2	> 100 m	F	NW	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	3	0 - 50 m	F	E	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Great Black-backed Gull	3	> 100 m	F	NW	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	4	50 - 100 m	G	NW	2
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	5	> 100 m	G	NW	3

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	6	> 100 m	G	SW	5
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	7	> 100 m	G	NE	2
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	8	> 100 m	F	NE	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	9	> 100 m	G	NE	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	10	> 100 m	F	E	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	11	> 100 m	F	NW	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	12	> 100 m	F	NW	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	13	> 100 m	F	N	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	14	> 100 m	F	SW	1
142	05/04/2011	2011	5	spring	8:43	T2	TSA	C	SE	15	3	Herring Gull	15	> 100 m	F	SW	2
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Double-crested Cormorant	1	> 100 m	F	NW	3
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	1	0 - 50 m	F	SW	1
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Great Black-backed Gull	1	50 - 100 m	G	NE	1
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Song Sparrow	1	50 - 100 m	G	SW	1
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	2	50 - 100 m	F	E	1
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Great Black-backed Gull	2	50 - 100 m	G	N	1
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	3	50 - 100 m	G	N	2
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Great Black-backed Gull	3	50 - 100 m	G	NE	1
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	4	50 - 100 m	F	SW	1
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Great Black-backed Gull	4	> 100 m	G	NE	1
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	5	50 - 100 m	G	NE	3
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	6	50 - 100 m	G	N	3
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	7	50 - 100 m	F	E	1
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	8	> 100 m	F	NE	1
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	9	> 100 m	F	N	1
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	10	> 100 m	F	N	1
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	11	> 100 m	F	E	2
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	12	> 100 m	G	NE	2
143	05/04/2011	2011	5	spring	6:54	T3	TSA	C	SE	15	3	Herring Gull	13	> 100 m	F	E	1
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Common Loon	1	> 100 m	G	NE	3
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Greater Yellowlegs	1	> 100 m	F	E	1
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Herring Gull	1	50 - 100 m	F	NE	1
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Great Black-backed Gull	1	50 - 100 m	F	NE	1
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Common Raven	1	50 - 100 m	F	N	1
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Song Sparrow	1	> 100 m	G	SE	1
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Herring Gull	2	> 100 m	G	E	9
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Great Black-backed Gull	2	> 100 m	G	NW	1
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Common Raven	2	50 - 100 m	G	NW	1
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Herring Gull	3	> 100 m	F	E	1
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Herring Gull	4	> 100 m	G	NW	3
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Herring Gull	5	> 100 m	F	N	1
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Herring Gull	6	> 100 m	F	NE	1
144	05/04/2011	2011	5	spring	8:09	Control	CS	C	SE	NA	3	Herring Gull	7	> 100 m	F	NW	4
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Double-crested Cormorant	1	> 100 m	F	NW	2
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	American Kestrel	1	50 - 100 m	F	W	1
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Herring Gull	1	50 - 100 m	F	NW	1
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Great Black-backed Gull	1	50 - 100 m	F	E	1
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Black Guillemot	1	> 100 m	F	NW	2
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Common Raven	1	50 - 100 m	F	W	1
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Savannah Sparrow	1	50 - 100 m	G	SE	1
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Herring Gull	2	50 - 100 m	G	NW	1
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Great Black-backed Gull	2	50 - 100 m	F	NW	2
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Common Raven	2	> 100 m	F	NW	1
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Herring Gull	3	> 100 m	G	SW	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Great Black-backed Gull	3	> 100 m	F	W	2
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Common Raven	3	> 100 m	F	NE	2
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Herring Gull	4	> 100 m	G	SW	1
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Great Black-backed Gull	4	> 100 m	G	NE	2
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Herring Gull	5	> 100 m	G	NW	9
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Great Black-backed Gull	5	> 100 m	F	NE	2
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Herring Gull	6	> 100 m	F	SW	4
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Herring Gull	7	> 100 m	G	NW	2
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Herring Gull	8	> 100 m	F	N	1
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Herring Gull	9	> 100 m	F	E	1
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Herring Gull	10	> 100 m	G	E	4
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Herring Gull	11	> 100 m	F	E	1
145	05/11/2011	2011	5	spring	8:43	T1	TSA	C	NE	30	9	Herring Gull	12	> 100 m	F	SW	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Double-crested Cormorant	1	> 100 m	F	N	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	1	0 - 50 m	F	E	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Great Black-backed Gull	1	> 100 m	F	NE	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Common Raven	1	> 100 m	G	SW	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	2	0 - 50 m	F	E	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Great Black-backed Gull	2	> 100 m	G	N	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Common Raven	2	> 100 m	F	SW	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	3	50 - 100 m	F	SW	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Great Black-backed Gull	3	> 100 m	G	NE	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	4	> 100 m	G	W	2
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	5	> 100 m	G	NW	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	6	> 100 m	F	NW	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	7	> 100 m	F	SE	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	8	> 100 m	F	W	2
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	9	> 100 m	G	NE	9
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	10	> 100 m	G	NW	2
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	11	> 100 m	F	E	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	12	> 100 m	F	NW	2
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	13	> 100 m	G	W	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	14	> 100 m	F	NE	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	15	> 100 m	F	SW	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	16	> 100 m	F	N	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	17	> 100 m	F	NW	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	18	> 100 m	G	NE	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	19	> 100 m	F	S	1
146	05/11/2011	2011	5	spring	6:15	T2	TSA	C	NE	30	6	Herring Gull	20	> 100 m	F	SE	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Merlin	1	> 100 m	F	NE	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	1	0 - 50 m	F	N	2
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Great Black-backed Gull	1	0 - 50 m	F	NE	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Common Raven	1	> 100 m	F	E	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	2	0 - 50 m	F	N	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Great Black-backed Gull	2	0 - 50 m	F	N	3
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	3	50 - 100 m	F	NE	3
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Great Black-backed Gull	3	> 100 m	G	NE	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	4	50 - 100 m	F	N	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	5	50 - 100 m	G	W	3
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	6	50 - 100 m	G	N	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	7	50 - 100 m	G	N	2
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	8	50 - 100 m	F	NE	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	9	50 - 100 m	F	N	7
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	10	> 100 m	F	E	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	11	> 100 m	G	NW	4
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	12	> 100 m	F	NW	2
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	13	> 100 m	F	SW	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	14	> 100 m	F	SE	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	15	> 100 m	F	N	4
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	16	> 100 m	G	N	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	17	> 100 m	F	N	5
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	18	> 100 m	F	NW	1
147	05/11/2011	2011	5	spring	5:30	T3	TSA	C	NE	30	6	Herring Gull	19	> 100 m	F	W	4
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	1	50 - 100 m	F	NE	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Great Black-backed Gull	1	50 - 100 m	F	NE	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Common Raven	1	50 - 100 m	G	NW	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Song Sparrow	1	50 - 100 m	G	E	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	2	> 100 m	G	NW	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Great Black-backed Gull	2	> 100 m	G	N	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Common Raven	2	> 100 m	F	W	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	3	> 100 m	F	W	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Great Black-backed Gull	3	> 100 m	F	SW	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	4	> 100 m	F	NE	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Great Black-backed Gull	4	> 100 m	F	E	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	5	> 100 m	G	E	4
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Great Black-backed Gull	5	> 100 m	F	W	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	6	> 100 m	G	W	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	7	> 100 m	G	NW	3
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	8	> 100 m	F	NE	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	9	> 100 m	G	E	3
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	10	> 100 m	G	N	2
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	11	> 100 m	F	W	1
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	12	> 100 m	F	NE	4
148	05/11/2011	2011	5	spring	8:04	Control	CS	C	NE	30	7	Herring Gull	13	> 100 m	F	W	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Eider sp.	1	> 100 m	F	NW	30
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Double-crested Cormorant	1	> 100 m	F	NW	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	1	0 - 50 m	F	N	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Great Black-backed Gull	1	50 - 100 m	F	NE	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Common Raven	1	50 - 100 m	F	NE	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	2	0 - 50 m	F	SW	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Great Black-backed Gull	2	> 100 m	G	NE	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Common Raven	2	> 100 m	F	N	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	3	50 - 100 m	G	N	2
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Great Black-backed Gull	3	> 100 m	F	N	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Common Raven	3	> 100 m	F	SW	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	4	50 - 100 m	F	NE	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Great Black-backed Gull	4	> 100 m	F	SW	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	5	50 - 100 m	F	N	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	6	50 - 100 m	F	E	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	7	50 - 100 m	F	SW	2
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	8	50 - 100 m	G	SW	2
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	9	50 - 100 m	F	N	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	10	50 - 100 m	F	SW	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	11	50 - 100 m	F	W	3
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	12	50 - 100 m	F	NE	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	13	50 - 100 m	F	SW	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	14	50 - 100 m	F	SE	1
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	15	50 - 100 m	F	NE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	16	50 - 100 m	G	NW	4
149	18/05/2011	2011	5	spring	6:54	T1	TSA	C	E	5	6	Herring Gull	17	50 - 100 m	G	SW	2
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Eider sp.	1	> 100 m	G	W	2
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Double-crested Cormorant	1	> 100 m	F	W	1
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Herring Gull	1	0 - 50 m	F	W	1
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Common Raven	1	50 - 100 m	F	NE	2
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Herring Gull	2	50 - 100 m	F	N	1
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Common Raven	2	> 100 m	F	NE	1
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Herring Gull	3	50 - 100 m	F	S	1
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Herring Gull	4	50 - 100 m	F	SE	1
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Herring Gull	5	> 100 m	F	E	2
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Herring Gull	6	> 100 m	F	W	1
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Herring Gull	7	> 100 m	F	NW	1
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Herring Gull	8	> 100 m	F	N	1
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Herring Gull	9	> 100 m	F	W	1
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Herring Gull	10	> 100 m	F	NE	2
150	18/05/2011	2011	5	spring	8:40	T2	TSA	C	E	5	10	Herring Gull	11	> 100 m	F	NW	1
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Black Duck	1	0 - 50 m	G	NE	1
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Eider sp.	1	> 100 m	G	E	4
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Herring Gull	1	0 - 50 m	F	N	1
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Great Black-backed Gull	1	0 - 50 m	F	N	1
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Herring Gull	2	50 - 100 m	F	N	1
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Great Black-backed Gull	2	0 - 50 m	F	E	1
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Herring Gull	3	50 - 100 m	G	N	1
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Great Black-backed Gull	3	0 - 50 m	F	N	1
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Herring Gull	4	50 - 100 m	G	NE	2
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Great Black-backed Gull	4	50 - 100 m	G	NE	1
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Herring Gull	5	50 - 100 m	F	E	2
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Great Black-backed Gull	5	50 - 100 m	F	NE	1
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Herring Gull	6	50 - 100 m	F	NE	1
151	18/05/2011	2011	5	spring	7:53	T3	TSA	C	E	5	9	Great Black-backed Gull	6	50 - 100 m	F	N	1
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	1	0 - 50 m	G	N	1
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Great Black-backed Gull	1	50 - 100 m	F	NW	1
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Savannah Sparrow	1	50 - 100 m	G	N	1
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	2	50 - 100 m	G	NE	3
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	3	50 - 100 m	G	N	1
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	4	50 - 100 m	F	NE	1
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	5	50 - 100 m	F	SW	1
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	6	50 - 100 m	G	W	1
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	7	50 - 100 m	G	SW	1
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	8	50 - 100 m	F	S,N	3
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	9	50 - 100 m	F	N	1
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	10	> 100 m	G	NE	2
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	11	> 100 m	G	NW	2
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	12	> 100 m	G	NE	1
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	13	> 100 m	G	NE	4
152	18/05/2011	2011	5	spring	5:28	Control	CS	C	E	5	6	Herring Gull	14	> 100 m	F	NE	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Merlin	1	50 - 100 m	F	SE	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	1	0 - 50 m	F	S	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Great Black-backed Gull	1	50 - 100 m	F	NE	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Common Raven	1	50 - 100 m	F	SW	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Savannah Sparrow	1	0 - 50 m	F	E	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	2	50 - 100 m	F	SE	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Great Black-backed Gull	2	> 100 m	G	NW	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Common Raven	2	50 - 100 m	F	NW	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	3	50 - 100 m	F	NE	6
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Great Black-backed Gull	3	> 100 m	F	NE	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Common Raven	3	> 100 m	F	SE	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	4	> 100 m	G	SW	8
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Great Black-backed Gull	4	> 100 m	F	W	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	5	> 100 m	G	NW	5
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	6	> 100 m	F	NW	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	7	> 100 m	F	SE	2
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	8	> 100 m	G	W	6
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	9	> 100 m	F	W	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	10	> 100 m	F	N	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	11	> 100 m	F	SE	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	12	> 100 m	F	NW	1
153	26/05/2011	2011	5	spring	8:09	T1	TSA	C	SE	5	8	Herring Gull	13	> 100 m	F	W	1
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Double-crested Cormorant	1	> 100 m	F	NW	1
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Herring Gull	1	50 - 100 m	F	N	2
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Great Black-backed Gull	1	0 - 50 m	G	SW	1
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Common Raven	1	> 100 m	F	SW	1
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Savannah Sparrow	1	0 - 50 m	G	N	1
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Herring Gull	2	50 - 100 m	F	NE	35
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Great Black-backed Gull	2	0 - 50 m	F	SW	1
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Savannah Sparrow	2	0 - 50 m	G	E	1
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Herring Gull	3	50 - 100 m	F	SE	1
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Herring Gull	4	> 100 m	F	NE	8
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Herring Gull	5	> 100 m	F	SW	1
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Herring Gull	6	> 100 m	F	NW	1
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Herring Gull	7	> 100 m	F	E	1
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Herring Gull	8	> 100 m	F	SE	4
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Herring Gull	9	> 100 m	F	S	1
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Herring Gull	10	> 100 m	G	SW	5
154	26/05/2011	2011	5	spring	7:24	T2	TSA	C	SE	5	8	Herring Gull	11	> 100 m	G	NW	3
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Black Duck	1	0 - 50 m	F	NE	1
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Herring Gull	1	0 - 50 m	F	SE	2
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Great Black-backed Gull	1	50 - 100 m	G	NW	4
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Common Raven	1	50 - 100 m	F	W	1
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Savannah Sparrow	1	0 - 50 m	G	SE	1
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Herring Gull	2	0 - 50 m	F	SW	1
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Great Black-backed Gull	2	50 - 100 m	F	E	1
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Savannah Sparrow	2	0 - 50 m	G	NE	2
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Herring Gull	3	0 - 50 m	F	NE	3
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Savannah Sparrow	3	0 - 50 m	F	NE	1
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Herring Gull	4	50 - 100 m	G	NW	10
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Herring Gull	5	50 - 100 m	F	NE	2
155	26/05/2011	2011	5	spring	7:19	T3	TSA	C	SE	5	8	Herring Gull	6	50 - 100 m	F	N	6
156	26/05/2011	2011	5	spring	5:10	Control	CS	C	SE	5	7	Herring Gull	1	0 - 50 m	F	N	1
156	26/05/2011	2011	5	spring	5:10	Control	CS	C	SE	5	7	Savannah Sparrow	1	0 - 50 m	G	SE	2
156	26/05/2011	2011	5	spring	5:10	Control	CS	C	SE	5	7	Herring Gull	2	50 - 100 m	F	N	2
156	26/05/2011	2011	5	spring	5:10	Control	CS	C	SE	5	7	Savannah Sparrow	2	0 - 50 m	F	N	2
156	26/05/2011	2011	5	spring	5:10	Control	CS	C	SE	5	7	Herring Gull	3	50 - 100 m	F	W	1
156	26/05/2011	2011	5	spring	5:10	Control	CS	C	SE	5	7	Savannah Sparrow	3	50 - 100 m	F	N	1
156	26/05/2011	2011	5	spring	5:10	Control	CS	C	SE	5	7	Herring Gull	4	50 - 100 m	F	SE	1
156	26/05/2011	2011	5	spring	5:10	Control	CS	C	SE	5	7	Savannah Sparrow	4	50 - 100 m	F	W	1
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Eider sp.	1	> 100 m	G	W	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Common Loon	1	> 100 m	G	NW	1
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Herring Gull	1	0 - 50 m	F	SW	1
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Great Black-backed Gull	1	> 100 m	G	NW	1
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Black Guillemot	1	> 100 m	G	NW	2
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Savannah Sparrow	1	0 - 50 m	F	N	1
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Herring Gull	2	0 - 50 m	F	SE	1
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Great Black-backed Gull	2	> 100 m	G	NE	1
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Herring Gull	3	> 100 m	G	SW	2
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Great Black-backed Gull	3	> 100 m	F	SW	1
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Herring Gull	4	> 100 m	G	NW	5
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Herring Gull	5	> 100 m	F	E	1
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Herring Gull	6	> 100 m	F	N	1
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Herring Gull	7	> 100 m	F	W	1
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Herring Gull	8	> 100 m	F	SW	1
157	06/01/2011	2011	6	spring	9:17	T1	TSA	C	NE	5	6	Herring Gull	9	> 100 m	F	NE	1
158	06/01/2011	2011	6	spring	8:30	T2	TSA	C	NE	5	5	Herring Gull	1	0 - 50 m	G	NE	2
158	06/01/2011	2011	6	spring	8:30	T2	TSA	C	NE	5	5	Great Black-backed Gull	1	> 100 m	G	W	1
158	06/01/2011	2011	6	spring	8:30	T2	TSA	C	NE	5	5	Common Raven	1	0 - 50 m	F	N	1
158	06/01/2011	2011	6	spring	8:30	T2	TSA	C	NE	5	5	Savannah Sparrow	1	0 - 50 m	F	NW	1
158	06/01/2011	2011	6	spring	8:30	T2	TSA	C	NE	5	5	Herring Gull	2	0 - 50 m	F	N	1
158	06/01/2011	2011	6	spring	8:30	T2	TSA	C	NE	5	5	Great Black-backed Gull	2	> 100 m	F	N	3
158	06/01/2011	2011	6	spring	8:30	T2	TSA	C	NE	5	5	Herring Gull	3	50 - 100 m	F	NE	2
158	06/01/2011	2011	6	spring	8:30	T2	TSA	C	NE	5	5	Herring Gull	4	> 100 m	G	W	4
158	06/01/2011	2011	6	spring	8:30	T2	TSA	C	NE	5	5	Herring Gull	5	> 100 m	G	SW	2
158	06/01/2011	2011	6	spring	8:30	T2	TSA	C	NE	5	5	Herring Gull	6	> 100 m	F	NE	4
158	06/01/2011	2011	6	spring	8:30	T2	TSA	C	NE	5	5	Herring Gull	7	> 100 m	F	W	4
158	06/01/2011	2011	6	spring	8:30	T2	TSA	C	NE	5	5	Herring Gull	8	> 100 m	F	N	16
159	06/01/2011	2011	6	spring	5:02	T3	TSA	C	NE	5	3	Herring Gull	1	0 - 50 m	F	NE	2
159	06/01/2011	2011	6	spring	5:02	T3	TSA	C	NE	5	3	Great Black-backed Gull	1	50 - 100 m	F	N	1
159	06/01/2011	2011	6	spring	5:02	T3	TSA	C	NE	5	3	Savannah Sparrow	1	0 - 50 m	F	SE	1
159	06/01/2011	2011	6	spring	5:02	T3	TSA	C	NE	5	3	Herring Gull	2	50 - 100 m	G	N	1
159	06/01/2011	2011	6	spring	5:02	T3	TSA	C	NE	5	3	Great Black-backed Gull	2	> 100 m	F	SW	1
159	06/01/2011	2011	6	spring	5:02	T3	TSA	C	NE	5	3	Herring Gull	3	50 - 100 m	F	NE	1
159	06/01/2011	2011	6	spring	5:02	T3	TSA	C	NE	5	3	Herring Gull	4	> 100 m	G	NE	3
159	06/01/2011	2011	6	spring	5:02	T3	TSA	C	NE	5	3	Herring Gull	5	> 100 m	F	N	1
159	06/01/2011	2011	6	spring	5:02	T3	TSA	C	NE	5	3	Herring Gull	6	> 100 m	F	W	1
159	06/01/2011	2011	6	spring	5:02	T3	TSA	C	NE	5	3	Herring Gull	7	> 100 m	F	NE	2
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Eider sp.	1	> 100 m	F	W	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Double-crested Cormorant	1	> 100 m	F	W	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Herring Gull	1	50 - 100 m	F	NW	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Great Black-backed Gull	1	0 - 50 m	F	NE	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Black Guillemot	1	> 100 m	F	NW	2
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Savannah Sparrow	1	0 - 50 m	F	N	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Eider sp.	2	> 100 m	F	NE	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Herring Gull	2	50 - 100 m	F	N	2
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Great Black-backed Gull	2	> 100 m	F	NE	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Herring Gull	3	> 100 m	G	NW	4
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Great Black-backed Gull	3	> 100 m	F	N	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Herring Gull	4	> 100 m	F	SW	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Herring Gull	5	> 100 m	F	NW	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Herring Gull	6	> 100 m	F	NE	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Herring Gull	7	> 100 m	G	SW	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Herring Gull	8	> 100 m	F	S	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Herring Gull	9	> 100 m	F	SW	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Herring Gull	10	> 100 m	G	SW	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Herring Gull	11	> 100 m	F	W	1
161	06/08/2011	2011	6	spring	8:36	T1	TSA	C	NE	5	13	Herring Gull	12	> 100 m	F	SW	3
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Double-crested Cormorant	1	> 100 m	G	NW	1
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	1	0 - 50 m	F	SE	1
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Great Black-backed Gull	1	> 100 m	G	NW	1
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Black Guillemot	1	> 100 m	G	W	4
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Common Raven	1	> 100 m	F	S	2
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Double-crested Cormorant	2	> 100 m	F	N	1
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	2	50 - 100 m	F	NE	2
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Great Black-backed Gull	2	> 100 m	G	NE	1
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	3	50 - 100 m	F	SE	2
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Great Black-backed Gull	3	> 100 m	F	N	1
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	4	50 - 100 m	F	NW	1
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Great Black-backed Gull	4	> 100 m	F	SE	1
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	5	> 100 m	G	SW	7
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Great Black-backed Gull	5	> 100 m	F	NE	1
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	6	> 100 m	G	NW	7
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	7	> 100 m	G	NE	2
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	8	> 100 m	G	N	1
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	9	> 100 m	F	W	1
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	10	> 100 m	F	SW	2
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	11	> 100 m	F	NW	2
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	12	> 100 m	F	N	1
162	06/08/2011	2011	6	spring	7:17	T2	TSA	C	NE	5	13	Herring Gull	13	> 100 m	F	E	1
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Black Duck	1	50 - 100 m	G	NE	3
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Herring Gull	1	0 - 50 m	F	E	1
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Great Black-backed Gull	1	0 - 50 m	F	N	1
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Common Raven	1	0 - 50 m	F	N	1
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Savannah Sparrow	1	0 - 50 m	G	W	2
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Herring Gull	2	50 - 100 m	G	NE	2
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Great Black-backed Gull	2	50 - 100 m	G	N	2
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Common Raven	2	50 - 100 m	G	N	1
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Savannah Sparrow	2	0 - 50 m	F	E	1
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Herring Gull	3	50 - 100 m	F	N	3
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Great Black-backed Gull	3	50 - 100 m	F	NE	1
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Common Raven	3	50 - 100 m	F	SW	1
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Herring Gull	4	50 - 100 m	F	NE	11
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Great Black-backed Gull	4	> 100 m	G	NW	1
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Common Raven	4	> 100 m	F	NE	1
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Herring Gull	5	50 - 100 m	F	SW	1
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Great Black-backed Gull	5	> 100 m	G	S	2
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Herring Gull	6	> 100 m	G	NW	8
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Herring Gull	7	> 100 m	G	SW	2
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Herring Gull	8	> 100 m	G	S	2
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Herring Gull	9	> 100 m	F	NW	3
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Herring Gull	10	> 100 m	F	NA	42
163	06/08/2011	2011	6	spring	5:02	T3	TSA	C	NA	0	12	Herring Gull	11	> 100 m	F	E	1
164	06/08/2011	2011	6	spring	6:01	Control	CS	C	NA	0	12	Herring Gull	1	0 - 50 m	F	E	1
164	06/08/2011	2011	6	spring	6:01	Control	CS	C	NA	0	12	Common Raven	1	50 - 100 m	F	W	1
164	06/08/2011	2011	6	spring	6:01	Control	CS	C	NA	0	12	Savannah Sparrow	1	0 - 50 m	F	E	1
164	06/08/2011	2011	6	spring	6:01	Control	CS	C	NA	0	12	Herring Gull	2	50 - 100 m	F	SE	4
164	06/08/2011	2011	6	spring	6:01	Control	CS	C	NA	0	12	Common Raven	2	50 - 100 m	F	E	1
164	06/08/2011	2011	6	spring	6:01	Control	CS	C	NA	0	12	Herring Gull	3	50 - 100 m	F	N	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
164	06/08/2011	2011	6	spring	6:01	Control	CS	C	NA	0	12	Herring Gull	4	> 100 m	G	NE	7
164	06/08/2011	2011	6	spring	6:01	Control	CS	C	NA	0	12	Herring Gull	5	> 100 m	F	NW	1
164	06/08/2011	2011	6	spring	6:01	Control	CS	C	NA	0	12	Herring Gull	6	> 100 m	F	NE	16
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Double-crested Cormorant	1	> 100 m	G	NW	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	1	0 - 50 m	F	E	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Great Black-backed Gull	1	> 100 m	G	NE	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Black Guillemot	1	> 100 m	G	W	2
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Common Raven	1	> 100 m	F	NE	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Savannah Sparrow	1	0 - 50 m	F	NE	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	2	50 - 100 m	G	N	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Great Black-backed Gull	2	> 100 m	G	NW	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	3	50 - 100 m	F	SW	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	4	50 - 100 m	F	NE	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	5	> 100 m	G	NW	3
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	6	> 100 m	G	SW	2
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	7	> 100 m	G	SW	2
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	8	> 100 m	G	SW	2
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	9	> 100 m	G	W	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	10	> 100 m	F	E	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	11	> 100 m	F	NE	3
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	12	> 100 m	F	W	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	13	> 100 m	F	SW	1
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	14	> 100 m	F	SW	3
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	15	> 100 m	F	N	2
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	16	> 100 m	F	W	2
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	17	> 100 m	F	W	2
165	17/06/2011	2011	6	spring	7:13	T1	TSA	C	NE	5	10	Herring Gull	18	> 100 m	F	NE	1
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Herring Gull	1	0 - 50 m	F	E	1
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Great Black-backed Gull	1	> 100 m	G	NE	1
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Herring Gull	2	0 - 50 m	F	W	1
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Great Black-backed Gull	2	> 100 m	G	NE	1
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Herring Gull	3	0 - 50 m	F	N	1
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Great Black-backed Gull	3	> 100 m	F	W	1
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Herring Gull	4	50 - 100 m	F	SW	1
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Great Black-backed Gull	4	> 100 m	F	W	1
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Herring Gull	5	> 100 m	G	NW	6
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Great Black-backed Gull	5	> 100 m	F	N	1
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Herring Gull	6	> 100 m	G	NE	1
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Herring Gull	7	> 100 m	F	NE	3
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Herring Gull	8	> 100 m	F	W	2
166	17/06/2011	2011	6	spring	8:37	T2	TSA	C	NE	10	12	Herring Gull	9	> 100 m	F	NE	1
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	1	50 - 100 m	F	N	6
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Great Black-backed Gull	1	> 100 m	F	NW	1
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	2	50 - 100 m	F	E	1
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Great Black-backed Gull	2	> 100 m	F	W	2
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	3	50 - 100 m	F	NW	1
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	4	> 100 m	F	N	2
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	5	> 100 m	F	NE	2
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	6	> 100 m	F	NE	6
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	7	> 100 m	F	N	2
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	8	> 100 m	F	W	4
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	9	> 100 m	F	S	2
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	10	> 100 m	F	N	2
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	11	> 100 m	F	SE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	12	> 100 m	F	NE	1
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	13	> 100 m	G	W	21
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	14	> 100 m	G	SW	2
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	15	> 100 m	G	NW	1
167	17/06/2011	2011	6	spring	4:55	T3	TSA	C	NE	9	9	Herring Gull	16	> 100 m	G	N	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Eider sp.	1	> 100 m	F	NW	2
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	1	0 - 50 m	F	E	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Great Black-backed Gull	1	50 - 100 m	F	N	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Black Guillemot	1	> 100 m	F	W	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Common Raven	1	50 - 100 m	G	N	2
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	2	50 - 100 m	G	N	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Great Black-backed Gull	2	50 - 100 m	F	SE	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Common Raven	2	50 - 100 m	F	NE	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	3	50 - 100 m	G	N	2
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Common Raven	3	> 100 m	F	NE	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	4	50 - 100 m	F	E	2
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	5	50 - 100 m	F	E	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	6	50 - 100 m	F	SW	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	7	50 - 100 m	F	NE	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	8	50 - 100 m	F	W	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	9	50 - 100 m	F	S	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	10	50 - 100 m	F	SE	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	11	50 - 100 m	F	N	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	12	> 100 m	G	NE	4
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	13	> 100 m	G	NE	2
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	14	> 100 m	F	E	2
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	15	> 100 m	F	NE	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	16	> 100 m	F	NE	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	17	> 100 m	F	E	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	18	> 100 m	F	N	1
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	19	> 100 m	F	W	3
168	17/06/2011	2011	6	spring	5:58	Control	CS	C	NE	9	9	Herring Gull	20	> 100 m	F	NW	10
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Double-crested Cormorant	1	> 100 m	G	NW	1
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	1	0 - 50 m	F	E	1
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Great Black-backed Gull	1	0 - 50 m	F	W	1
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Double-crested Cormorant	2	> 100 m	F	N	1
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	2	0 - 50 m	F	S	1
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Great Black-backed Gull	2	50 - 100 m	F	W	1
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	3	0 - 50 m	F	E	1
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Great Black-backed Gull	3	> 100 m	G	NW	1
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	4	50 - 100 m	G	SW	1
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	5	50 - 100 m	F	S	1
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	6	50 - 100 m	F	W	3
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	7	50 - 100 m	F	NW	1
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	8	> 100 m	G	N	2
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	9	> 100 m	G	SW	3
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	10	> 100 m	G	SW	2
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	11	> 100 m	G	SW	4
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	12	> 100 m	F	N	2
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	13	> 100 m	F	SW	5
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	14	> 100 m	F	NE	2
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	15	> 100 m	F	NW	1
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	16	> 100 m	F	S	2
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	17	> 100 m	F	SW	3

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	18	> 100 m	F	SW	4
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	19	> 100 m	F	NW	2
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	20	> 100 m	F	NE	NA
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	21	> 100 m	F	NW	4
169	22/06/2011	2011	6	spring	7:03	T1	TSA	C	N	25	10	Herring Gull	22	> 100 m	F	E	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Double-crested Cormorant	1	> 100 m	F	W	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	1	0 - 50 m	F	NW	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Great Black-backed Gull	1	> 100 m	F	SE	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Common Raven	1	> 100 m	G	SW	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Savannah Sparrow	1	0 - 50 m	G	E	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	2	50 - 100 m	G	NW	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Common Raven	2	> 100 m	G	SW	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	3	50 - 100 m	G	N	2
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Common Raven	3	> 100 m	F	SW	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	4	50 - 100 m	G	SW	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	5	50 - 100 m	F	SW	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	6	50 - 100 m	F	W	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	7	50 - 100 m	F	W	2
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	8	> 100 m	G	SW	2
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	9	> 100 m	G	SW	4
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	10	> 100 m	G	SW	3
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	11	> 100 m	G	NW	15
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	12	> 100 m	G	SW	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	13	> 100 m	F	NW	2
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	14	> 100 m	F	NE	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	15	> 100 m	F	SW	2
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	16	> 100 m	F	SE	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	17	> 100 m	F	SW	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	18	> 100 m	F	E	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	19	> 100 m	F	NW	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	20	> 100 m	F	N	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	21	> 100 m	F	E	1
170	22/06/2011	2011	6	spring	8:34	T2	TSA	C	N	25	10	Herring Gull	22	> 100 m	F	NE	1
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Double-crested Cormorant	1	0 - 50 m	F	NW	1
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	1	0 - 50 m	G	W	1
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Great Black-backed Gull	1	> 100 m	G	NE	3
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Common Raven	1	50 - 100 m	G	NW	3
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Savannah Sparrow	1	0 - 50 m	F	NW	1
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	2	50 - 100 m	G	NE	2
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Great Black-backed Gull	2	> 100 m	F	NW	1
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Common Raven	2	50 - 100 m	F	N	1
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	3	50 - 100 m	G	NE	3
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Great Black-backed Gull	3	> 100 m	F	NE	1
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Common Raven	3	> 100 m	G	NE	1
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	4	50 - 100 m	F	NW	2
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	5	> 100 m	G	NW	60
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	6	> 100 m	G	SW	1
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	7	> 100 m	G	NE	3
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	8	> 100 m	F	N	7
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	9	> 100 m	F	E	3
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	10	> 100 m	F	NE	10
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	11	> 100 m	F	SW	2
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	12	> 100 m	F	W	4
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	13	> 100 m	F	NW	30

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	14	> 100 m	F	NW	10
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	15	> 100 m	F	SW	3
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	16	> 100 m	F	N	4
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	17	> 100 m	F	E	3
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	18	> 100 m	F	NE	5
171	22/06/2011	2011	6	spring	6:18	T3	TSA	C	N	25	10	Herring Gull	19	> 100 m	F	W	1
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Double-crested Cormorant	1	50 - 100 m	F	N	1
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	1	0 - 50 m	F	E	1
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Great Black-backed Gull	1	50 - 100 m	F	NW	1
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Common Raven	1	> 100 m	F	SW	4
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Double-crested Cormorant	2	50 - 100 m	F	W	1
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	2	0 - 50 m	F	W	1
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Great Black-backed Gull	2	50 - 100 m	F	W	1
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	3	50 - 100 m	F	E	3
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Great Black-backed Gull	3	> 100 m	F	SW	1
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	4	50 - 100 m	F	W	2
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	5	50 - 100 m	F	N	3
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	6	50 - 100 m	F	N	1
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	7	50 - 100 m	F	NE	1
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	8	50 - 100 m	F	N	1
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	9	> 100 m	G	NE	1
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	10	> 100 m	G	NW	2
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	11	> 100 m	G	NE	2
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	12	> 100 m	F	NW	3
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	13	> 100 m	F	NE	5
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	14	> 100 m	F	N	2
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	15	> 100 m	F	NE	3
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	16	> 100 m	F	E	4
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	17	> 100 m	F	E	5
172	22/06/2011	2011	6	spring	5:39	Control	CS	C	N	20	9	Herring Gull	18	> 100 m	F	SW	4
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	1	50 - 100 m	G	NW	2
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Great Black-backed Gull	1	> 100 m	F	NE	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Black Guillemot	1	> 100 m	F	NW	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Common Raven	1	> 100 m	G	E	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Savannah Sparrow	1	0 - 50 m	G	N	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	2	50 - 100 m	G	S	4
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Great Black-backed Gull	2	> 100 m	F	NW	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Common Raven	2	> 100 m	F	NE	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	3	50 - 100 m	G	S	2
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Common Raven	3	> 100 m	F	SE	3
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	4	50 - 100 m	G	SW	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Common Raven	4	> 100 m	F	S	2
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	5	50 - 100 m	G	W	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Common Raven	5	> 100 m	F	SW	2
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	6	50 - 100 m	F	S	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	7	50 - 100 m	F	E	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	8	> 100 m	G	NW	10
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	9	> 100 m	F	W	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	10	> 100 m	F	SE	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	11	> 100 m	F	NW	1
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	12	> 100 m	F	SE	3
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	13	> 100 m	F	SE	2
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	14	> 100 m	F	N	2
173	29/06/2011	2011	6	spring	8:11	T1	TSA	C	E	10	11	Herring Gull	15	> 100 m	F	E	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Green-winged Teal	1	> 100 m	F	NW	2
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	1	0 - 50 m	G	S	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Great Black-backed Gull	1	> 100 m	F	NE	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Common Raven	1	> 100 m	F	SW	4
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Savannah Sparrow	1	0 - 50 m	F	SE	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	2	50 - 100 m	G	W	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Common Raven	2	> 100 m	F	SW	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Savannah Sparrow	2	50 - 100 m	G	SE	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	3	50 - 100 m	G	SW	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Common Raven	3	> 100 m	F	NE	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	4	50 - 100 m	F	S	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Common Raven	4	> 100 m	F	SE	2
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	5	50 - 100 m	F	N	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	6	50 - 100 m	F	NE	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	7	> 100 m	G	SW	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	8	> 100 m	G	NW	5
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	9	> 100 m	G	N	2
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	10	> 100 m	G	S	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	11	> 100 m	F	SW	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	12	> 100 m	F	SE	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	13	> 100 m	F	NE	3
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	14	> 100 m	F	S	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	15	> 100 m	F	E	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	16	> 100 m	F	SE	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	17	> 100 m	F	N	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	18	> 100 m	F	W	2
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	19	> 100 m	F	E	1
174	29/06/2011	2011	6	spring	5:48	T2	TSA	C	E	5	11	Herring Gull	20	> 100 m	F	SE	3
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Black Duck	1	50 - 100 m	G	NE	12
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	1	0 - 50 m	F	NE	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Common Raven	1	> 100 m	F	SW	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Savannah Sparrow	1	0 - 50 m	G	SW	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Black Duck	2	50 - 100 m	F	W	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	2	50 - 100 m	G	N	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Savannah Sparrow	2	0 - 50 m	G	W	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	3	50 - 100 m	G	NE	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	4	50 - 100 m	F	E	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	5	50 - 100 m	F	E	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	6	> 100 m	G	NW	5
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	7	> 100 m	G	SW	5
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	8	> 100 m	G	NW	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	9	> 100 m	G	N	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	10	> 100 m	F	E	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	11	> 100 m	F	SE	5
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	12	> 100 m	F	N	1
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	13	> 100 m	F	E	2
175	29/06/2011	2011	6	spring	5:02	T3	TSA	C	E	2	11	Herring Gull	14	> 100 m	F	N	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Double-crested Cormorant	1	> 100 m	F	E	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Herring Gull	1	50 - 100 m	F	N	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Great Black-backed Gull	1	50 - 100 m	F	NW	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Common Raven	1	0 - 50 m	G	NW	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Herring Gull	2	50 - 100 m	F	E	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Great Black-backed Gull	2	> 100 m	G	W	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Common Raven	2	0 - 50 m	F	S	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Herring Gull	3	> 100 m	G	NE	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Great Black-backed Gull	3	> 100 m	G	NE	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Common Raven	3	50 - 100 m	F	E	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Herring Gull	4	> 100 m	G	NE	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Great Black-backed Gull	4	> 100 m	F	NE	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Herring Gull	5	> 100 m	F	E	2
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Great Black-backed Gull	5	> 100 m	F	NE	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Herring Gull	6	> 100 m	F	S	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Herring Gull	7	> 100 m	F	NE	1
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Herring Gull	8	> 100 m	F	E	2
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Herring Gull	9	> 100 m	F	NE	2
176	29/06/2011	2011	6	spring	6:53	Control	CS	C	E	5	11	Herring Gull	10	> 100 m	F	SE	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Ring-billed Gull	1	0 - 50 m	G	NW	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Herring Gull	1	0 - 50 m	F	SE	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Great Black-backed Gull	1	50 - 100 m	F	W	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Common Raven	1	> 100 m	G	W	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	American Robin	1	> 100 m	G	S	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Ring-billed Gull	2	50 - 100 m	G	NE	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Herring Gull	2	50 - 100 m	G	N	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Great Black-backed Gull	2	> 100 m	F	SW	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Ring-billed Gull	3	50 - 100 m	G	S	3
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Herring Gull	3	50 - 100 m	F	W	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Herring Gull	4	50 - 100 m	F	N	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Herring Gull	5	50 - 100 m	F	S	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Herring Gull	6	> 100 m	F	SW	1
177	07/06/2011	2011	7	summer	7:05	T1	TSA	C	NA	0	12	Herring Gull	7	> 100 m	F	W	2
178	07/06/2011	2011	7	summer	7:51	T2	TSA	C	NA	0	12	Ring-billed Gull	1	50 - 100 m	F	SW	1
178	07/06/2011	2011	7	summer	7:51	T2	TSA	C	NA	0	12	Herring Gull	1	50 - 100 m	F	W	1
178	07/06/2011	2011	7	summer	7:51	T2	TSA	C	NA	0	12	Savannah Sparrow	1	0 - 50 m	G	S	1
178	07/06/2011	2011	7	summer	7:51	T2	TSA	C	NA	0	12	Herring Gull	2	> 100 m	F	SE	1
178	07/06/2011	2011	7	summer	7:51	T2	TSA	C	NA	0	12	Savannah Sparrow	2	50 - 100 m	G	NE	2
178	07/06/2011	2011	7	summer	7:51	T2	TSA	C	NA	0	12	Herring Gull	3	> 100 m	F	NE	1
179	07/06/2011	2011	7	summer	6:20	T3	TSA	C	NA	0	12	Green-winged Teal	1	50 - 100 m	G	NE	2
179	07/06/2011	2011	7	summer	6:20	T3	TSA	C	NA	0	12	Whimbrel	1	50 - 100 m	F	NE	1
179	07/06/2011	2011	7	summer	6:20	T3	TSA	C	NA	0	12	Ring-billed Gull	1	50 - 100 m	G	W	2
179	07/06/2011	2011	7	summer	6:20	T3	TSA	C	NA	0	12	Herring Gull	1	50 - 100 m	G	NE	1
179	07/06/2011	2011	7	summer	6:20	T3	TSA	C	NA	0	12	Great Black-backed Gull	1	50 - 100 m	G	NE	1
179	07/06/2011	2011	7	summer	6:20	T3	TSA	C	NA	0	12	Savannah Sparrow	1	0 - 50 m	G	NE	2
179	07/06/2011	2011	7	summer	6:20	T3	TSA	C	NA	0	12	Great Black-backed Gull	2	> 100 m	F	NW	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Herring Gull	1	50 - 100 m	F	NE	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Great Black-backed Gull	1	0 - 50 m	F	NW	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Tern sp.	1	> 100 m	F	NW	2
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Common Raven	1	> 100 m	F	NE	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	American Robin	1	> 100 m	G	E	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Savannah Sparrow	1	50 - 100 m	G	W	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Fox Sparrow	1	50 - 100 m	G	SE	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Herring Gull	2	> 100 m	F	E	2
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Great Black-backed Gull	2	50 - 100 m	F	N	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Tern sp.	2	> 100 m	F	N	6
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Savannah Sparrow	2	> 100 m	F	E	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Herring Gull	3	> 100 m	F	NW	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Great Black-backed Gull	3	> 100 m	F	N	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Savannah Sparrow	3	> 100 m	F	E	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Herring Gull	4	> 100 m	G	NE	4

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Great Black-backed Gull	4	> 100 m	G	NE	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Herring Gull	5	> 100 m	F	NE	2
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Great Black-backed Gull	5	> 100 m	G	N	1
180	07/06/2011	2011	7	summer	4:55	Control	CS	C	NA	0	12	Great Black-backed Gull	6	> 100 m	G	NE	2
181	13/07/2011	2011	7	summer	5:20	T1	TSA	C	SW	5	13	Ring-billed Gull	1	0 - 50 m	G	N	1
181	13/07/2011	2011	7	summer	5:20	T1	TSA	C	SW	5	13	Herring Gull	1	0 - 50 m	F	SW	1
181	13/07/2011	2011	7	summer	5:20	T1	TSA	C	SW	5	13	Great Black-backed Gull	1	> 100 m	F	NW	1
181	13/07/2011	2011	7	summer	5:20	T1	TSA	C	SW	5	13	Savannah Sparrow	1	0 - 50 m	G	SW	1
181	13/07/2011	2011	7	summer	5:20	T1	TSA	C	SW	5	13	Ring-billed Gull	2	50 - 100 m	G	NE	1
181	13/07/2011	2011	7	summer	5:20	T1	TSA	C	SW	5	13	Herring Gull	2	50 - 100 m	F	E	1
181	13/07/2011	2011	7	summer	5:20	T1	TSA	C	SW	5	13	Savannah Sparrow	2	0 - 50 m	G	S	1
181	13/07/2011	2011	7	summer	5:20	T1	TSA	C	SW	5	13	Herring Gull	3	50 - 100 m	F	SW	1
181	13/07/2011	2011	7	summer	5:20	T1	TSA	C	SW	5	13	Herring Gull	4	50 - 100 m	F	W	1
181	13/07/2011	2011	7	summer	5:20	T1	TSA	C	SW	5	13	Herring Gull	5	> 100 m	F	NW	1
182	13/07/2011	2011	7	summer	7:45	T2	TSA	C	SW	5	13	Ring-billed Gull	1	50 - 100 m	G	S	5
182	13/07/2011	2011	7	summer	7:45	T2	TSA	C	SW	5	13	Herring Gull	1	50 - 100 m	F	SW	1
182	13/07/2011	2011	7	summer	7:45	T2	TSA	C	SW	5	13	Common Raven	1	50 - 100 m	F	W	1
182	13/07/2011	2011	7	summer	7:45	T2	TSA	C	SW	5	13	Savannah Sparrow	1	0 - 50 m	F	SW	1
182	13/07/2011	2011	7	summer	7:45	T2	TSA	C	SW	5	13	Ring-billed Gull	2	50 - 100 m	G	E	2
182	13/07/2011	2011	7	summer	7:45	T2	TSA	C	SW	5	13	Herring Gull	2	> 100 m	F	SW	1
183	13/07/2011	2011	7	summer	8:29	T3	TSA	C	SW	5	13	Wilson's Snipe	1	50 - 100 m	G	NE	1
183	13/07/2011	2011	7	summer	8:29	T3	TSA	C	SW	5	13	Ring-billed Gull	1	> 100 m	G	SW	6
183	13/07/2011	2011	7	summer	8:29	T3	TSA	C	SW	5	13	Herring Gull	1	50 - 100 m	F	NE	3
183	13/07/2011	2011	7	summer	8:29	T3	TSA	C	SW	5	13	Common Raven	1	> 100 m	G	NE	1
183	13/07/2011	2011	7	summer	8:29	T3	TSA	C	SW	5	13	Savannah Sparrow	1	0 - 50 m	G	N	2
183	13/07/2011	2011	7	summer	8:29	T3	TSA	C	SW	5	13	Ring-billed Gull	2	> 100 m	F	NW	1
183	13/07/2011	2011	7	summer	8:29	T3	TSA	C	SW	5	13	Herring Gull	2	> 100 m	G	NE	1
183	13/07/2011	2011	7	summer	8:29	T3	TSA	C	SW	5	13	Common Raven	2	> 100 m	F	SW	1
183	13/07/2011	2011	7	summer	8:29	T3	TSA	C	SW	5	13	Savannah Sparrow	2	50 - 100 m	F	NW	1
183	13/07/2011	2011	7	summer	8:29	T3	TSA	C	SW	5	13	Common Raven	3	> 100 m	F	SW	1
184	13/07/2011	2011	7	summer	6:20	Control	CS	C	SW	5	13	Eider sp.	1	> 100 m	F	NW	7
184	13/07/2011	2011	7	summer	6:20	Control	CS	C	SW	5	13	Red-breasted Merganser	1	> 100 m	F	NE	1
184	13/07/2011	2011	7	summer	6:20	Control	CS	C	SW	5	13	Herring Gull	1	> 100 m	G	W	1
184	13/07/2011	2011	7	summer	6:20	Control	CS	C	SW	5	13	Savannah Sparrow	1	0 - 50 m	G	NW	1
184	13/07/2011	2011	7	summer	6:20	Control	CS	C	SW	5	13	Savannah Sparrow	2	0 - 50 m	G	W	1
185	20/07/2011	2011	7	summer	6:55	T1	TSA	C	SE	10	12	Plover sp.	1	> 100 m	F	NW	1
185	20/07/2011	2011	7	summer	6:55	T1	TSA	C	SE	10	12	Great Black-backed Gull	1	> 100 m	F	SW	2
185	20/07/2011	2011	7	summer	6:55	T1	TSA	C	SE	10	12	Common Raven	1	50 - 100 m	G	N	1
185	20/07/2011	2011	7	summer	6:55	T1	TSA	C	SE	10	12	American Robin	1	> 100 m	G	S	1
185	20/07/2011	2011	7	summer	6:55	T1	TSA	C	SE	10	12	Savannah Sparrow	1	0 - 50 m	G	E	1
185	20/07/2011	2011	7	summer	6:55	T1	TSA	C	SE	10	12	Great Black-backed Gull	2	> 100 m	F	NW	1
185	20/07/2011	2011	7	summer	6:55	T1	TSA	C	SE	10	12	Common Raven	2	50 - 100 m	G	W	1
185	20/07/2011	2011	7	summer	6:55	T1	TSA	C	SE	10	12	Savannah Sparrow	2	50 - 100 m	G	N	1
186	20/07/2011	2011	7	summer	7:39	T2	TSA	C	SE	10	13	Ring-billed Gull	1	0 - 50 m	G	S	1
186	20/07/2011	2011	7	summer	7:39	T2	TSA	C	SE	10	13	Herring Gull	1	0 - 50 m	F	SW	1
186	20/07/2011	2011	7	summer	7:39	T2	TSA	C	SE	10	13	Common Raven	1	0 - 50 m	F	SE	1
186	20/07/2011	2011	7	summer	7:39	T2	TSA	C	SE	10	13	Ring-billed Gull	2	0 - 50 m	F	SE	1
186	20/07/2011	2011	7	summer	7:39	T2	TSA	C	SE	10	13	Herring Gull	2	50 - 100 m	G	NW	1
186	20/07/2011	2011	7	summer	7:39	T2	TSA	C	SE	10	13	Common Raven	2	> 100 m	F	NE	1
186	20/07/2011	2011	7	summer	7:39	T2	TSA	C	SE	10	13	Ring-billed Gull	3	50 - 100 m	G	SE	2
186	20/07/2011	2011	7	summer	7:39	T2	TSA	C	SE	10	13	Herring Gull	3	> 100 m	G	NW	1
186	20/07/2011	2011	7	summer	7:39	T2	TSA	C	SE	10	13	Herring Gull	4	> 100 m	F	NW	1
186	20/07/2011	2011	7	summer	7:39	T2	TSA	C	SE	10	13	Herring Gull	5	> 100 m	F	NW	1
187	20/07/2011	2011	7	summer	8:30	T3	TSA	C	SE	10	14	Wilson's Snipe	1	50 - 100 m	G	NE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
187	20/07/2011	2011	7	summer	8:30	T3	TSA	C	SE	10	14	Herring Gull	1	0 - 50 m	G	E	1
187	20/07/2011	2011	7	summer	8:30	T3	TSA	C	SE	10	14	Great Black-backed Gull	1	50 - 100 m	G	N	1
187	20/07/2011	2011	7	summer	8:30	T3	TSA	C	SE	10	14	Common Raven	1	50 - 100 m	G	N	5
187	20/07/2011	2011	7	summer	8:30	T3	TSA	C	SE	10	14	Herring Gull	2	50 - 100 m	G	NE	1
187	20/07/2011	2011	7	summer	8:30	T3	TSA	C	SE	10	14	Great Black-backed Gull	2	50 - 100 m	G	N	1
187	20/07/2011	2011	7	summer	8:30	T3	TSA	C	SE	10	14	Common Raven	2	50 - 100 m	F	W	1
187	20/07/2011	2011	7	summer	8:30	T3	TSA	C	SE	10	14	Herring Gull	3	50 - 100 m	F	W	1
187	20/07/2011	2011	7	summer	8:30	T3	TSA	C	SE	10	14	Herring Gull	4	> 100 m	F	E	1
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Eider sp.	1	> 100 m	G	NW	9
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Whimbrel	1	50 - 100 m	F	N	22
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Herring Gull	1	> 100 m	F	NE	2
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Great Black-backed Gull	1	0 - 50 m	F	S	1
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Common Raven	1	50 - 100 m	F	N	1
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Savannah Sparrow	1	50 - 100 m	G	E	2
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Fox Sparrow	1	> 100 m	G	E	1
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Eider sp.	2	> 100 m	G	NW	7
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Whimbrel	2	> 100 m	F	NE	15
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Herring Gull	2	> 100 m	F	NW	2
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Great Black-backed Gull	2	0 - 50 m	F	S	1
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Great Black-backed Gull	3	> 100 m	F	NE	1
188	20/07/2011	2011	7	summer	5:29	Control	CS	C	SE	10	12	Great Black-backed Gull	4	> 100 m	F	N	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Double-crested Cormorant	1	> 100 m	G	NW	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	1	50 - 100 m	G	N	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Great Black-backed Gull	1	> 100 m	F	NE	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	American Crow	1	50 - 100 m	G	NE	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Common Raven	1	> 100 m	G	NE	3
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Double-crested Cormorant	2	> 100 m	F	NW	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	2	50 - 100 m	F	NW	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Great Black-backed Gull	2	> 100 m	F	NW	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Common Raven	2	> 100 m	G	W	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Double-crested Cormorant	3	> 100 m	F	NW	2
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	3	> 100 m	G	NW	3
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Common Raven	3	> 100 m	F	SE	4
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	4	> 100 m	F	N	4
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	5	> 100 m	F	SW	2
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	6	> 100 m	F	NE	3
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	7	> 100 m	G	N	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	8	> 100 m	F	SE	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	9	> 100 m	F	NE	3
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	10	> 100 m	F	NW	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	11	> 100 m	F	NW	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	12	> 100 m	F	W	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	13	> 100 m	F	SE	1
189	27/07/2011	2011	7	summer	6:56	T1	TSA	C	E	15	14	Herring Gull	14	> 100 m	F	S	1
190	27/07/2011	2011	7	summer	8:29	T2	TSA	C	E	15	14	Eider sp.	1	> 100 m	G	NW	14
190	27/07/2011	2011	7	summer	8:29	T2	TSA	C	E	15	14	Double-crested Cormorant	1	> 100 m	G	NW	2
190	27/07/2011	2011	7	summer	8:29	T2	TSA	C	E	15	14	Herring Gull	1	50 - 100 m	F	NW	1
190	27/07/2011	2011	7	summer	8:29	T2	TSA	C	E	15	14	Great Black-backed Gull	1	> 100 m	G	W	1
190	27/07/2011	2011	7	summer	8:29	T2	TSA	C	E	15	14	Common Raven	1	> 100 m	F	SE	2
190	27/07/2011	2011	7	summer	8:29	T2	TSA	C	E	15	14	Savannah Sparrow	1	0 - 50 m	G	W	1
190	27/07/2011	2011	7	summer	8:29	T2	TSA	C	E	15	14	Herring Gull	2	> 100 m	F	S	1
190	27/07/2011	2011	7	summer	8:29	T2	TSA	C	E	15	14	Great Black-backed Gull	2	> 100 m	F	SE	1
190	27/07/2011	2011	7	summer	8:29	T2	TSA	C	E	15	14	Herring Gull	3	> 100 m	F	NW	1
190	27/07/2011	2011	7	summer	8:29	T2	TSA	C	E	15	14	Herring Gull	4	> 100 m	F	SW	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
190	27/07/2011	2011	7	summer	8:29	T2	TSA	C	E	15	14	Herring Gull	5	> 100 m	F	S	10
190	27/07/2011	2011	7	summer	8:29	T2	TSA	C	E	15	14	Herring Gull	6	> 100 m	F	NW	2
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Black Duck	1	> 100 m	G	NE	10
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Double-crested Cormorant	1	> 100 m	F	NW	1
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Herring Gull	1	0 - 50 m	G	NE	1
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Great Black-backed Gull	1	50 - 100 m	G	NE	1
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Savannah Sparrow	1	0 - 50 m	F	W	1
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Herring Gull	2	0 - 50 m	F	N	1
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Great Black-backed Gull	2	> 100 m	F	W	1
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Herring Gull	3	0 - 50 m	F	NW	1
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Great Black-backed Gull	3	> 100 m	F	N	1
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Herring Gull	4	> 100 m	F	NE	3
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Herring Gull	5	> 100 m	F	NW	1
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Herring Gull	6	> 100 m	G	NW	1
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Herring Gull	7	> 100 m	F	N	1
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Herring Gull	8	> 100 m	F	S	2
191	27/07/2011	2011	7	summer	7:43	T3	TSA	C	E	15	14	Herring Gull	9	> 100 m	F	NW	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Eider sp.	1	> 100 m	F	NE	7
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Common Loon	1	> 100 m	G	NE	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Double-crested Cormorant	1	> 100 m	G	NE	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Whimbrel	1	50 - 100 m	F	NW	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Greater Yellowlegs	1	> 100 m	F	SE	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	1	0 - 50 m	F	E	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Great Black-backed Gull	1	> 100 m	F	NE	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Double-crested Cormorant	2	> 100 m	G	W	2
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	2	0 - 50 m	F	W	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Great Black-backed Gull	2	> 100 m	G	N	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Double-crested Cormorant	3	> 100 m	G	N	2
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	3	50 - 100 m	F	NW	3
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	4	50 - 100 m	F	NW	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	5	> 100 m	G	E	2
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	6	> 100 m	G	N	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	7	> 100 m	F	E	3
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	8	> 100 m	F	NW	2
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	9	> 100 m	F	NE	2
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	10	> 100 m	F	W	2
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	11	> 100 m	F	N	5
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	12	> 100 m	F	E	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	13	> 100 m	F	N	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	14	> 100 m	F	NE	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	15	> 100 m	F	S	3
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	16	> 100 m	F	E	2
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	17	> 100 m	F	NW	1
192	27/07/2011	2011	7	summer	5:37	Control	CS	C	E	15	14	Herring Gull	18	> 100 m	F	N	1
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Herring Gull	1	50 - 100 m	G	N	2
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Great Black-backed Gull	1	> 100 m	G	NW	1
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Common Raven	1	> 100 m	F	S	1
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Savannah Sparrow	1	50 - 100 m	G	SE	1
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Herring Gull	2	> 100 m	F	W	1
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Herring Gull	3	> 100 m	F	S	1
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Herring Gull	4	> 100 m	G	NW	4
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Herring Gull	5	> 100 m	F	E	2
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Herring Gull	6	> 100 m	F	S	2
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Herring Gull	7	> 100 m	G	NW	3

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Herring Gull	8	> 100 m	F	N	1
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Herring Gull	9	> 100 m	F	E	3
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Herring Gull	10	> 100 m	F	SE	6
193	08/03/2011	2011	8	summer	5:28	T1	TSA	C	E	15	13	Herring Gull	11	> 100 m	F	NE	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Double-crested Cormorant	1	> 100 m	G	NW	2
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Whimbrel	1	> 100 m	F	NE	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Wilson's Snipe	1	0 - 50 m	G	SE	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	1	> 100 m	F	NW	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Great Black-backed Gull	1	> 100 m	F	E	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Black Guillemot	1	> 100 m	F	NW	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Common Raven	1	> 100 m	F	W	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Savannah Sparrow	1	50 - 100 m	G	W	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Whimbrel	2	> 100 m	G	SW	10
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	2	> 100 m	F	E	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Great Black-backed Gull	2	> 100 m	G	W	3
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	3	> 100 m	F	S	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Great Black-backed Gull	3	> 100 m	G	NE	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	4	> 100 m	G	W	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Great Black-backed Gull	4	> 100 m	F	NE	2
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	5	> 100 m	F	SW	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	6	> 100 m	F	NW	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	7	> 100 m	F	W	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	8	> 100 m	F	S	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	9	> 100 m	F	NW	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	10	> 100 m	F	W	2
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	11	> 100 m	F	E	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	12	> 100 m	G	NW	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	13	> 100 m	F	NE	1
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	14	> 100 m	F	N	2
194	08/03/2011	2011	8	summer	6:14	T2	TSA	C	E	15	13	Herring Gull	15	> 100 m	F	NW	2
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Double-crested Cormorant	1	> 100 m	F	NW	1
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Herring Gull	1	50 - 100 m	F	NE	1
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Great Black-backed Gull	1	> 100 m	F	N	1
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	American Crow	1	50 - 100 m	F	NE	8
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Savannah Sparrow	1	50 - 100 m	G	SW	1
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Herring Gull	2	50 - 100 m	G	NE	1
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Great Black-backed Gull	2	> 100 m	F	SW	1
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Herring Gull	3	> 100 m	F	NE	2
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Herring Gull	4	> 100 m	G	W	2
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Herring Gull	5	> 100 m	F	SW	1
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Herring Gull	6	> 100 m	F	N	1
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Herring Gull	7	> 100 m	F	NE	2
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Herring Gull	8	> 100 m	F	E	2
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Herring Gull	9	> 100 m	F	N	2
195	08/03/2011	2011	8	summer	7:04	T3	TSA	C	E	15	13	Herring Gull	10	> 100 m	F	NE	3
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Eider sp.	1	> 100 m	G	NW	13
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Common Loon	1	> 100 m	G	NE	1
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Double-crested Cormorant	1	> 100 m	F	E	1
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Greater Yellowlegs	1	> 100 m	F	N	1
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Herring Gull	1	0 - 50 m	F	S	1
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Great Black-backed Gull	1	> 100 m	G	NE	1
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Dovekie	1	> 100 m	G	NW	1
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Black Guillemot	1	> 100 m	G	N	2
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Savannah Sparrow	1	0 - 50 m	G	N	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Eider sp.	2	> 100 m	G	NE	2
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Herring Gull	2	50 - 100 m	F	W	1
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Dovekie	2	> 100 m	G	NE	2
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Black Guillemot	2	> 100 m	F	N	1
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Savannah Sparrow	2	50 - 100 m	G	SE	1
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Herring Gull	3	> 100 m	F	NE	6
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Herring Gull	4	> 100 m	F	E	11
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Herring Gull	5	> 100 m	F	NE	3
196	08/03/2011	2011	8	summer	9:29	Control	CS	C	E	15	13	Herring Gull	6	> 100 m	F	NE	5
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Eider sp.	1	> 100 m	G	NW	5
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Whimbrel	1	50 - 100 m	G	N	6
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Ring-billed Gull	1	0 - 50 m	F	N	1
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	1	50 - 100 m	F	W	1
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Great Black-backed Gull	1	50 - 100 m	F	W	1
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Common Raven	1	50 - 100 m	G	NW	2
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Savannah Sparrow	1	0 - 50 m	F	NE	1
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Whimbrel	2	> 100 m	G	SW	5
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Ring-billed Gull	2	50 - 100 m	G	NW	1
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	2	50 - 100 m	G	NW	7
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Great Black-backed Gull	2	> 100 m	G	SW	2
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Common Raven	2	50 - 100 m	G	W	7
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	3	50 - 100 m	G	N	2
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Great Black-backed Gull	3	> 100 m	G	NW	2
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	4	50 - 100 m	F	SW	1
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Great Black-backed Gull	4	> 100 m	F	W	1
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	5	> 100 m	G	SW	2
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	6	> 100 m	F	NW	2
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	7	> 100 m	F	SW	1
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	8	> 100 m	F	S	7
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	9	> 100 m	G	NW	46
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	10	> 100 m	F	NW	4
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	11	> 100 m	F	N	2
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	12	> 100 m	F	NW	3
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	13	> 100 m	F	NE	1
197	08/10/2011	2011	8	summer	8:10	T1	TSA	C	NE	20	13	Herring Gull	14	> 100 m	F	E	1
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Ring-billed Gull	1	> 100 m	G	NW	1
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	1	0 - 50 m	F	E	1
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	2	50 - 100 m	F	NW	1
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	3	> 100 m	G	NW	4
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	4	> 100 m	F	S	1
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	5	> 100 m	G	NW	3
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	6	> 100 m	G	W	1
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	7	> 100 m	F	SE	3
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	8	> 100 m	F	NW	2
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	9	> 100 m	F	NE	1
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	10	> 100 m	F	S	1
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	11	> 100 m	F	SW	1
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	12	> 100 m	F	E	1
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	13	> 100 m	F	NW	1
198	08/10/2011	2011	8	summer	5:35	T2	TSA	C	NE	20	13	Herring Gull	14	> 100 m	F	SE	8
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Black Duck	1	50 - 100 m	G	NE	1
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Ring-billed Gull	1	> 100 m	G	NW	1
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Herring Gull	1	50 - 100 m	F	SW	1
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Great Black-backed Gull	1	> 100 m	F	N	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Common Raven	1	50 - 100 m	G	N	3
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Herring Gull	2	> 100 m	F	N	2
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Common Raven	2	> 100 m	F	NE	1
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Herring Gull	3	> 100 m	F	W	1
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Herring Gull	4	> 100 m	F	NW	3
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Herring Gull	5	> 100 m	F	N	1
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Herring Gull	6	> 100 m	F	NW	3
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Herring Gull	7	> 100 m	F	SW	2
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Herring Gull	8	> 100 m	F	NE	4
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Herring Gull	9	> 100 m	F	E	3
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Herring Gull	10	> 100 m	F	NE	3
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Herring Gull	11	> 100 m	F	NW	2
199	08/10/2011	2011	8	summer	8:56	T3	TSA	C	NE	20	13	Herring Gull	12	> 100 m	F	N	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Double-crested Cormorant	1	> 100 m	G	NW	3
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Whimbrel	1	50 - 100 m	F	SE	5
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	1	50 - 100 m	G	N	12
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Great Black-backed Gull	1	> 100 m	G	N	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Common Raven	1	50 - 100 m	G	NE	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Double-crested Cormorant	2	> 100 m	F	NW	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	2	50 - 100 m	F	N	2
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Great Black-backed Gull	2	> 100 m	F	SE	3
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Common Raven	2	> 100 m	G	NE	3
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	3	50 - 100 m	F	SW	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Great Black-backed Gull	3	> 100 m	G	NW	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	4	> 100 m	F	N	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Great Black-backed Gull	4	> 100 m	F	S	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	5	> 100 m	F	E	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Great Black-backed Gull	5	> 100 m	F	NW	2
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	6	> 100 m	F	SW	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	7	> 100 m	F	N	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	8	> 100 m	F	E	5
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	9	> 100 m	F	NW	2
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	10	> 100 m	F	NE	2
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	11	> 100 m	G	N	2
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	12	> 100 m	F	SE	3
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	13	> 100 m	F	SW	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	14	> 100 m	F	NW	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	15	> 100 m	F	NE	1
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	16	> 100 m	F	NE	5
200	08/10/2011	2011	8	summer	6:40	Control	CS	C	NE	20	12	Herring Gull	17	> 100 m	F	SE	1
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Double-crested Cormorant	1	> 100 m	G	NW	6
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	American Golden Plover	1	> 100 m	F	N	1
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Greater Yellowlegs	1	50 - 100 m	G	SW	1
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Herring Gull	1	0 - 50 m	F	W	1
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Great Black-backed Gull	1	> 100 m	F	SW	1
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Common Raven	1	50 - 100 m	G	W	1
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Double-crested Cormorant	2	> 100 m	F	W	1
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Greater Yellowlegs	2	> 100 m	F	SW	2
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Herring Gull	2	50 - 100 m	F	W	6
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Great Black-backed Gull	2	> 100 m	G	NW	9
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Common Raven	2	50 - 100 m	F	NW	3
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Herring Gull	3	> 100 m	F	W	2
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Great Black-backed Gull	3	> 100 m	F	NW	1
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Herring Gull	4	> 100 m	G	NW	6

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Herring Gull	5	> 100 m	F	NW	1
201	17/08/2011	2011	8	summer	9:09	T1	TSA	C	SE	5	15	Herring Gull	6	> 100 m	G	W	18
202	17/08/2011	2011	8	summer	5:55	T2	TSA	C	SE	5	15	Herring Gull	1	50 - 100 m	F	SW	3
202	17/08/2011	2011	8	summer	5:55	T2	TSA	C	SE	5	15	Great Black-backed Gull	1	> 100 m	G	NW	2
202	17/08/2011	2011	8	summer	5:55	T2	TSA	C	SE	5	15	Common Raven	1	> 100 m	F	SE	1
202	17/08/2011	2011	8	summer	5:55	T2	TSA	C	SE	5	15	Savannah Sparrow	1	50 - 100 m	G	NW	1
202	17/08/2011	2011	8	summer	5:55	T2	TSA	C	SE	5	15	Herring Gull	2	50 - 100 m	F	SW	1
202	17/08/2011	2011	8	summer	5:55	T2	TSA	C	SE	5	15	Great Black-backed Gull	2	> 100 m	F	SW	1
202	17/08/2011	2011	8	summer	5:55	T2	TSA	C	SE	5	15	Herring Gull	3	> 100 m	G	W	6
202	17/08/2011	2011	8	summer	5:55	T2	TSA	C	SE	5	15	Herring Gull	4	> 100 m	G	NW	10
202	17/08/2011	2011	8	summer	5:55	T2	TSA	C	SE	5	15	Herring Gull	5	> 100 m	F	NW	1
202	17/08/2011	2011	8	summer	5:55	T2	TSA	C	SE	5	15	Herring Gull	6	> 100 m	G	E	2
202	17/08/2011	2011	8	summer	5:55	T2	TSA	C	SE	5	15	Herring Gull	7	> 100 m	F	NE	9
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Whimbrel	1	> 100 m	F	SW	4
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Ring-billed Gull	1	> 100 m	G	NW	1
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Herring Gull	1	0 - 50 m	F	N	1
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Great Black-backed Gull	1	50 - 100 m	G	NE	1
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Herring Gull	2	50 - 100 m	G	NE	4
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Great Black-backed Gull	2	50 - 100 m	F	SW	1
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Herring Gull	3	50 - 100 m	G	NE	1
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Great Black-backed Gull	3	50 - 100 m	F	NW	1
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Herring Gull	4	50 - 100 m	G	N	1
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Herring Gull	5	> 100 m	G	NE	1
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Herring Gull	6	> 100 m	F	N	1
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Herring Gull	7	> 100 m	F	E	1
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Herring Gull	8	> 100 m	F	NE	1
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Herring Gull	9	> 100 m	G	NW	1
203	17/08/2011	2011	8	summer	6:39	T3	TSA	C	SE	5	15	Herring Gull	10	> 100 m	F	N	1
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Eider sp.	1	> 100 m	G	E	12
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Double-crested Cormorant	1	> 100 m	F	NW	1
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	American Golden Plover	1	50 - 100 m	F	NW	2
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Herring Gull	1	50 - 100 m	F	N	2
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Great Black-backed Gull	1	50 - 100 m	F	N	1
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Common Raven	1	> 100 m	G	SW	1
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Savannah Sparrow	1	50 - 100 m	G	NE	2
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Herring Gull	2	50 - 100 m	F	NW	12
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Great Black-backed Gull	2	> 100 m	G	N	2
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Savannah Sparrow	2	50 - 100 m	G	W	2
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Herring Gull	3	> 100 m	G	N	3
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Great Black-backed Gull	3	> 100 m	F	NE	1
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Herring Gull	4	> 100 m	F	NW	1
204	17/08/2011	2011	8	summer	7:44	Control	CS	C	SE	5	15	Herring Gull	5	> 100 m	F	E	2
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Double-crested Cormorant	1	> 100 m	F	NW	2
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Whimbrel	1	50 - 100 m	G	W	4
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Greater Yellowlegs	1	> 100 m	G	NW	1
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Ring-billed Gull	1	50 - 100 m	G	N	3
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	1	0 - 50 m	F	NE	1
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Great Black-backed Gull	1	50 - 100 m	F	SW	1
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Black Guillemot	1	> 100 m	G	NW	1
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Common Raven	1	> 100 m	F	S	2
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Double-crested Cormorant	2	> 100 m	F	NW	1
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Whimbrel	2	> 100 m	F	NW	2
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	2	> 100 m	G	NW	10
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Great Black-backed Gull	2	50 - 100 m	F	NA	NA

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	3	> 100 m	F	NE	6
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Great Black-backed Gull	3	> 100 m	G	N	1
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	4	> 100 m	F	SW	1
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	5	> 100 m	F	NW	1
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	6	> 100 m	F	N	6
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	7	> 100 m	F	SW	3
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	8	> 100 m	G	SW	4
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	9	> 100 m	G	W	15
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	10	> 100 m	F	N	1
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	11	> 100 m	F	SE	1
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	12	> 100 m	G	SE	3
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	13	> 100 m	F	SW	2
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	14	> 100 m	G	NW	1
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	15	> 100 m	G	S	8
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	16	> 100 m	G	SE	1
205	24/08/2011	2011	8	summer	6:49	T1	TSA	C	SE	5	14	Herring Gull	17	> 100 m	G	SW	3
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Double-crested Cormorant	1	> 100 m	F	N	8
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Ring-billed Gull	1	> 100 m	G	W	13
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	1	50 - 100 m	F	SW	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Great Black-backed Gull	1	> 100 m	G	NW	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Common Raven	1	> 100 m	G	SE	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	European Starling	1	> 100 m	G	SE	6
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Savannah Sparrow	1	> 100 m	G	S	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Ring-billed Gull	2	> 100 m	G	NW	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	2	50 - 100 m	F	E	4
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Great Black-backed Gull	2	> 100 m	F	W	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Common Raven	2	> 100 m	F	SW	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Ring-billed Gull	3	> 100 m	G	W	15
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	3	> 100 m	G	NW	14
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Great Black-backed Gull	3	> 100 m	G	E	2
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	4	> 100 m	G	W	4
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Great Black-backed Gull	4	> 100 m	F	N	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	5	> 100 m	F	E	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Great Black-backed Gull	5	> 100 m	F	SW	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	6	> 100 m	F	N	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Great Black-backed Gull	6	> 100 m	F	W	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	7	> 100 m	F	NW	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	8	> 100 m	F	S	2
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	9	> 100 m	F	NW	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	10	> 100 m	F	SE	6
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	11	> 100 m	F	SW	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	12	> 100 m	F	E	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	13	> 100 m	G	NW	1
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	14	> 100 m	F	E	4
206	24/08/2011	2011	8	summer	6:05	T2	TSA	C	SE	5	14	Herring Gull	15	> 100 m	F	SE	4
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Double-crested Cormorant	1	> 100 m	F	NE	5
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Greater Yellowlegs	1	> 100 m	F	NW	1
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Herring Gull	1	0 - 50 m	F	NE	1
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Great Black-backed Gull	1	50 - 100 m	G	W	1
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Common Raven	1	> 100 m	F	SW	1
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Tree Swallow	1	50 - 100 m	F	NW	1
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Double-crested Cormorant	2	> 100 m	G	NW	5
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Herring Gull	2	50 - 100 m	F	NE	1
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Great Black-backed Gull	2	50 - 100 m	F	N	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Double-crested Cormorant	3	> 100 m	F	N	1
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Herring Gull	3	50 - 100 m	F	N	1
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Great Black-backed Gull	3	> 100 m	F	SW	1
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Herring Gull	4	50 - 100 m	F	NW	11
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Herring Gull	5	50 - 100 m	G	N	1
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Herring Gull	6	50 - 100 m	G	N	1
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Herring Gull	7	50 - 100 m	F	N	1
207	24/08/2011	2011	8	summer	7:34	T3	TSA	C	SE	5	15	Herring Gull	8	50 - 100 m	F	NE	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Eider sp.	1	> 100 m	G	E	14
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Double-crested Cormorant	1	> 100 m	F	NE	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Merlin	1	> 100 m	G	SW	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	1	50 - 100 m	F	NE	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Great Black-backed Gull	1	0 - 50 m	F	S	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Black Guillemot	1	> 100 m	G	NW	2
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Double-crested Cormorant	2	> 100 m	G	NW	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	2	50 - 100 m	F	N	9
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Great Black-backed Gull	2	50 - 100 m	F	E	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	3	50 - 100 m	F	NE	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Great Black-backed Gull	3	> 100 m	G	N	2
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	4	> 100 m	G	W	2
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Great Black-backed Gull	4	> 100 m	F	NE	2
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	5	> 100 m	F	NW	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Great Black-backed Gull	5	> 100 m	F	W	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	6	> 100 m	F	NE	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	7	> 100 m	G	N	3
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	8	> 100 m	G	NW	5
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	9	> 100 m	F	NW	2
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	10	> 100 m	F	SW	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	11	> 100 m	F	E	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	12	> 100 m	F	NE	2
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	13	> 100 m	F	E	3
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	14	> 100 m	F	NW	1
208	24/08/2011	2011	8	summer	8:38	Control	CS	C	SW	5	16	Herring Gull	15	> 100 m	F	SE	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Eider sp.	1	> 100 m	G	NW	7
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Double-crested Cormorant	1	> 100 m	F	NW	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Whimbrel	1	50 - 100 m	F	W	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Greater Yellowlegs	1	> 100 m	F	SW	2
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	1	50 - 100 m	G	W	2
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Great Black-backed Gull	1	50 - 100 m	F	W	2
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Savannah Sparrow	1	> 100 m	G	SW	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	2	50 - 100 m	F	W	2
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Great Black-backed Gull	2	> 100 m	F	S	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	3	50 - 100 m	F	SW	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Great Black-backed Gull	3	> 100 m	G	NW	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	4	> 100 m	G	W	3
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Great Black-backed Gull	4	> 100 m	G	NE	2
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	5	> 100 m	G	NW	20
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Great Black-backed Gull	5	> 100 m	F	S	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	6	> 100 m	F	NW	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Great Black-backed Gull	6	> 100 m	F	E	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	7	> 100 m	F	N	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	8	> 100 m	G	W	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	9	> 100 m	F	E	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	10	> 100 m	F	NE	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	11	> 100 m	G	E	1
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	12	> 100 m	G	W	2
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	13	> 100 m	F	NE	2
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	14	> 100 m	F	NW	3
209	31/08/2011	2011	8	summer	6:05	T1	TSA	C	NE	5	13	Herring Gull	15	> 100 m	F	S	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Double-crested Cormorant	1	> 100 m	G	NW	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Hawk sp.	1	> 100 m	F	W	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Ring-billed Gull	1	> 100 m	F	NE	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	1	0 - 50 m	F	E	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Great Black-backed Gull	1	0 - 50 m	F	W	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Black Guillemot	1	50 - 100 m	F	S	6
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Common Raven	1	> 100 m	F	S	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Double-crested Cormorant	2	> 100 m	F	NW	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Ring-billed Gull	2	> 100 m	G	S	3
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	2	50 - 100 m	F	W	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Great Black-backed Gull	2	> 100 m	F	N	4
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Black Guillemot	2	> 100 m	F	NW	6
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Double-crested Cormorant	3	> 100 m	G	NW	12
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	3	> 100 m	F	N	3
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Great Black-backed Gull	3	> 100 m	G	NE	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Double-crested Cormorant	4	> 100 m	F	NW	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	4	> 100 m	F	E	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Great Black-backed Gull	4	> 100 m	F	E	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	5	> 100 m	F	S	5
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	6	> 100 m	F	NW	4
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	7	> 100 m	F	SW	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	8	> 100 m	F	NW	8
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	9	> 100 m	F	SW	4
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	10	> 100 m	F	SE	5
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	11	> 100 m	G	W	16
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	12	> 100 m	G	NE	5
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	13	> 100 m	F	SE	1
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	14	> 100 m	F	W	14
210	31/08/2011	2011	8	summer	9:40	T2	TSA	C	SW	10	17	Herring Gull	15	> 100 m	F	NW	42
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Black Duck	1	50 - 100 m	G	N	4
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Double-crested Cormorant	1	> 100 m	G	NW	6
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Merlin	1	50 - 100 m	F	NE	1
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Greater Yellowlegs	1	> 100 m	F	NW	1
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	1	50 - 100 m	G	NE	1
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Great Black-backed Gull	1	50 - 100 m	F	NW	1
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Common Raven	1	50 - 100 m	G	N	2
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Double-crested Cormorant	2	> 100 m	F	NW	2
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	2	50 - 100 m	F	SW	1
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Great Black-backed Gull	2	> 100 m	F	W	1
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Common Raven	2	> 100 m	G	N	4
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	3	50 - 100 m	F	N	1
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Great Black-backed Gull	3	> 100 m	F	NW	1
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Common Raven	3	> 100 m	F	S	1
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	4	50 - 100 m	F	NE	1
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	5	> 100 m	F	N	3
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	6	> 100 m	F	W	2
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	7	> 100 m	F	NW	1
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	8	> 100 m	F	NE	2
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	9	> 100 m	F	N	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	10	> 100 m	F	NW	2
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	11	> 100 m	F	SW	4
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	12	> 100 m	F	W	1
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	13	> 100 m	F	S	5
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	14	> 100 m	F	NW	3
211	31/08/2011	2011	8	summer	8:55	T3	TSA	C	SW	10	17	Herring Gull	15	> 100 m	F	S	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Eider sp.	1	> 100 m	G	E	6
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Black-bellied Plover	1	50 - 100 m	G	S	3
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Semi-palmated Plover	1	50 - 100 m	F	N	17
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	1	50 - 100 m	F	NE	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Great Black-backed Gull	1	> 100 m	G	N	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Common Raven	1	50 - 100 m	F	NE	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Savannah Sparrow	1	50 - 100 m	G	NE	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Black-bellied Plover	2	> 100 m	G	N	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	2	50 - 100 m	F	S	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Great Black-backed Gull	2	> 100 m	G	E	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Common Raven	2	> 100 m	G	W	2
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	3	50 - 100 m	F	NW	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Great Black-backed Gull	3	> 100 m	F	N	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Common Raven	3	> 100 m	F	E	2
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	4	> 100 m	G	W	3
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Great Black-backed Gull	4	> 100 m	F	N	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Common Raven	4	> 100 m	F	N	2
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	5	> 100 m	G	E	30
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	6	> 100 m	G	N	2
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	7	> 100 m	F	NE	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	8	> 100 m	F	NW	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	9	> 100 m	F	W	2
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	10	> 100 m	G	W	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	11	> 100 m	F	NW	5
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	12	> 100 m	F	NE	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	13	> 100 m	F	E	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	14	> 100 m	F	NE	1
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	15	> 100 m	F	SE	4
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	16	> 100 m	G	E	21
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	17	> 100 m	F	N	3
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	18	> 100 m	F	E	4
212	31/08/2011	2011	8	summer	7:13	Control	CS	C	S	10	14	Herring Gull	19	> 100 m	F	NE	4
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Double-crested Cormorant	1	> 100 m	F	NW	15
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Bald Eagle	1	50 - 100 m	F	W	1
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Sandpiper sp.	1	> 100 m	F	NW	2
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Herring Gull	1	0 - 50 m	F	NE	1
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Great Black-backed Gull	1	50 - 100 m	F	NW	1
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Common Raven	1	50 - 100 m	F	W	1
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Savannah Sparrow	1	0 - 50 m	G	N	1
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Herring Gull	2	50 - 100 m	F	NW	4
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Savannah Sparrow	2	50 - 100 m	G	SE	1
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Herring Gull	3	> 100 m	G	W	2
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Herring Gull	4	> 100 m	F	NW	1
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Herring Gull	5	> 100 m	F	NE	4
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Herring Gull	6	> 100 m	F	NW	12
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Herring Gull	7	> 100 m	F	E	7
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Herring Gull	8	> 100 m	F	N	6
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Herring Gull	9	> 100 m	F	S	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Herring Gull	10	> 100 m	F	NW	2
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Herring Gull	11	> 100 m	F	E	2
213	09/07/2011	2011	9	summer	9:29	T1	TSA	C	N	15	14	Herring Gull	12	> 100 m	F	N	5
214	09/07/2011	2011	9	summer	9:44	T2	TSA	C	N	20	13	Double-crested Cormorant	1	> 100 m	F	NW	4
214	09/07/2011	2011	9	summer	9:44	T2	TSA	C	N	20	13	Whimbrel	1	50 - 100 m	F	SW	1
214	09/07/2011	2011	9	summer	9:44	T2	TSA	C	N	20	13	Herring Gull	1	50 - 100 m	G	N	1
214	09/07/2011	2011	9	summer	9:44	T2	TSA	C	N	20	13	American Crow	1	0 - 50 m	G	SE	2
214	09/07/2011	2011	9	summer	9:44	T2	TSA	C	N	20	13	Common Raven	1	50 - 100 m	F	NW	1
214	09/07/2011	2011	9	summer	9:44	T2	TSA	C	N	20	13	Whimbrel	2	50 - 100 m	F	N	5
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Black Duck	1	50 - 100 m	G	NE	2
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Double-crested Cormorant	1	> 100 m	F	N	1
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	1	0 - 50 m	F	N	2
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Great Black-backed Gull	1	> 100 m	G	NW	2
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Common Raven	1	0 - 50 m	F	E	1
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	2	50 - 100 m	G	NE	1
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Great Black-backed Gull	2	> 100 m	G	NW	1
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Common Raven	2	0 - 50 m	F	W	1
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	3	50 - 100 m	G	N	2
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	4	50 - 100 m	F	E	14
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	5	50 - 100 m	F	N	1
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	6	50 - 100 m	F	E	24
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	7	50 - 100 m	F	N	10
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	8	50 - 100 m	G	NW	10
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	9	50 - 100 m	G	SW	2
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	10	50 - 100 m	G	W	4
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	11	50 - 100 m	G	N	5
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	12	50 - 100 m	G	NW	9
215	09/07/2011	2011	9	summer	6:15	T3	TSA	C	N	25	11	Herring Gull	13	50 - 100 m	F	N	6
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Canada Goose	1	> 100 m	F	SW	6
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Eider sp.	1	> 100 m	F	E	1
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Double-crested Cormorant	1	> 100 m	F	NW	1
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Merlin	1	0 - 50 m	F	N	1
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Bald Eagle	1	50 - 100 m	F	NE	1
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Northern Harrier	1	50 - 100 m	F	NE	1
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Whimbrel	1	> 100 m	F	E	2
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Greater Yellowlegs	1	> 100 m	F	SE	1
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	1	0 - 50 m	F	S	5
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Great Black-backed Gull	1	50 - 100 m	F	SE	2
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Double-crested Cormorant	2	> 100 m	F	SW	1
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	2	50 - 100 m	F	NW	4
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Great Black-backed Gull	2	50 - 100 m	F	W	2
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Double-crested Cormorant	3	> 100 m	F	E	1
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	3	> 100 m	F	E	2
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Great Black-backed Gull	3	> 100 m	G	N	1
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	4	> 100 m	F	NE	3
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Great Black-backed Gull	4	> 100 m	F	NW	2
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	5	> 100 m	F	W	1
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Great Black-backed Gull	5	> 100 m	F	NE	1
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	6	> 100 m	F	NE	3
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	7	> 100 m	F	SE	4
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	8	> 100 m	F	N	2
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	9	> 100 m	F	W	2
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	10	> 100 m	F	NW	4
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	11	> 100 m	F	E	9

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	12	> 100 m	F	NW	6
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	13	> 100 m	F	NE	2
216	09/07/2011	2011	9	summer	7:16	Control	CS	C	N	25	11	Herring Gull	14	> 100 m	F	E	40
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Eider sp.	1	> 100 m	G	W	12
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Double-crested Cormorant	1	> 100 m	G	NW	5
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Plover sp.	1	> 100 m	F	W	1
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Herring Gull	1	50 - 100 m	G	N	1
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Great Black-backed Gull	1	> 100 m	G	NW	3
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Common Raven	1	> 100 m	F	NW	1
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Double-crested Cormorant	2	> 100 m	F	NW	1
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Herring Gull	2	> 100 m	G	NW	65
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Great Black-backed Gull	2	> 100 m	F	NW	1
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Herring Gull	3	> 100 m	F	W	2
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Herring Gull	4	> 100 m	F	NW	19
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Herring Gull	5	> 100 m	F	NW	9
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Herring Gull	6	> 100 m	F	E	1
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Herring Gull	7	> 100 m	F	NW	2
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Herring Gull	8	> 100 m	F	SW	1
217	13/09/2011	2011	9	summer	NA	T1	TSA	C	NA	0	13	Herring Gull	9	> 100 m	F	NW	3
218	13/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	13	Whimbrel	1	> 100 m	F	S	3
218	13/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	13	Greater Yellowlegs	1	50 - 100 m	F	NW	4
218	13/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	13	Herring Gull	1	0 - 50 m	F	SW	1
218	13/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	13	Great Black-backed Gull	1	> 100 m	F	NE	1
218	13/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	13	Common Raven	1	50 - 100 m	F	SW	1
218	13/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	13	Herring Gull	2	> 100 m	F	NW	7
218	13/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	13	Herring Gull	3	> 100 m	F	NW	3
218	13/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	13	Herring Gull	4	> 100 m	G	NE	5
218	13/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	13	Herring Gull	5	> 100 m	G	NW	1
218	13/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	13	Herring Gull	6	> 100 m	F	NW	2
218	13/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	13	Herring Gull	7	> 100 m	F	N	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Black Duck	1	50 - 100 m	G	NE	2
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Green-winged Teal	1	50 - 100 m	G	NE	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Double-crested Cormorant	1	> 100 m	G	NW	6
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Bald Eagle	1	> 100 m	F	NE	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Whimbrel	1	> 100 m	F	E	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Herring Gull	1	50 - 100 m	F	W	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Great Black-backed Gull	1	> 100 m	G	NE	2
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Common Raven	1	> 100 m	F	N	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Savannah Sparrow	1	50 - 100 m	G	NE	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Herring Gull	2	50 - 100 m	G	N	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Great Black-backed Gull	2	> 100 m	F	NW	2
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Herring Gull	3	50 - 100 m	F	N	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Herring Gull	4	> 100 m	G	W	11
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Herring Gull	5	> 100 m	G	W	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Herring Gull	6	> 100 m	F	N	4
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Herring Gull	7	> 100 m	F	NW	2
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Herring Gull	8	> 100 m	F	N	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Herring Gull	9	> 100 m	F	N	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Herring Gull	10	> 100 m	G	N	1
219	13/09/2011	2011	9	summer	NA	T3	TSA	C	NA	0	10	Herring Gull	11	> 100 m	F	N	3
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Double-crested Cormorant	1	> 100 m	F	E	1
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Whimbrel	1	> 100 m	G	W	1
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	1	50 - 100 m	F	N	1
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Great Black-backed Gull	1	> 100 m	F	N	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Common Raven	1	0 - 50 m	F	NE	1
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Double-crested Cormorant	2	> 100 m	F	NE	1
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	2	> 100 m	G	NE	12
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Great Black-backed Gull	2	> 100 m	G	N	2
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Double-crested Cormorant	3	> 100 m	G	N	2
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	3	> 100 m	F	NE	6
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Great Black-backed Gull	3	> 100 m	F	S	1
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Double-crested Cormorant	4	> 100 m	F	N	4
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	4	> 100 m	F	E	3
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Great Black-backed Gull	4	> 100 m	F	NE	3
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Double-crested Cormorant	5	> 100 m	F	NW	3
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	5	> 100 m	G	N	5
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Great Black-backed Gull	5	> 100 m	F	NW	1
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Double-crested Cormorant	6	> 100 m	G	NW	4
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	6	> 100 m	G	E	3
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	7	> 100 m	F	E	2
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	8	> 100 m	F	NW	1
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	9	> 100 m	G	W	2
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	10	> 100 m	G	E	12
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	11	> 100 m	F	W	1
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	12	> 100 m	F	E	1
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	13	> 100 m	F	NW	2
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	14	> 100 m	F	SE	1
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	15	> 100 m	G	NW	4
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	16	> 100 m	F	E	3
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	17	> 100 m	F	NW	2
220	13/09/2011	2011	9	summer	NA	Control	CS	C	NA	0	9	Herring Gull	18	> 100 m	F	N	1
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Black Duck	1	> 100 m	F	NE	3
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Eider sp.	1	> 100 m	G	NW	13
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Harlequin Duck	1	> 100 m	G	NW	1
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Double-crested Cormorant	1	> 100 m	G	NW	8
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Sandpiper sp.	1	0 - 50 m	F	S	1
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Herring Gull	1	> 100 m	G	SW	5
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Great Black-backed Gull	1	0 - 50 m	F	W	1
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Common Murre	1	> 100 m	G	NW	2
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Common Raven	1	0 - 50 m	F	W	1
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Double-crested Cormorant	2	> 100 m	F	NW	1
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Herring Gull	2	> 100 m	F	W	2
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Great Black-backed Gull	2	> 100 m	F	W	1
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Common Raven	2	50 - 100 m	F	E	1
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Double-crested Cormorant	3	> 100 m	F	W	1
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Herring Gull	3	> 100 m	F	NW	2
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Great Black-backed Gull	3	> 100 m	G	NW	2
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Common Raven	3	> 100 m	F	SW	2
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Herring Gull	4	> 100 m	F	E	2
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Great Black-backed Gull	4	> 100 m	G	NE	1
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Herring Gull	5	> 100 m	G	NW	1
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Great Black-backed Gull	5	> 100 m	F	NW	1
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Herring Gull	6	> 100 m	F	NW	2
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Herring Gull	7	> 100 m	G	W	8
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Herring Gull	8	> 100 m	F	SW	2
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Herring Gull	9	> 100 m	G	NE	4
221	21/09/2011	2011	9	summer	NA	T1	TSA	C	NW	10	10	Herring Gull	10	> 100 m	F	NW	2
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Black Duck	1	50 - 100 m	F	E	3

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Northern Harrier	1	50 - 100 m	F	NW	1
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Herring Gull	1	0 - 50 m	F	NE	1
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Great Black-backed Gull	1	> 100 m	F	NW	1
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Common Raven	1	50 - 100 m	F	E	1
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Savannah Sparrow	1	0 - 50 m	G	SE	1
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Black Duck	2	> 100 m	F	W	3
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Herring Gull	2	50 - 100 m	G	NE	1
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Great Black-backed Gull	2	> 100 m	F	W	3
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Common Raven	2	> 100 m	G	SW	1
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Herring Gull	3	> 100 m	G	NW	23
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Great Black-backed Gull	3	> 100 m	F	S	1
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Common Raven	3	> 100 m	F	NE	1
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Herring Gull	4	> 100 m	F	NW	5
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Common Raven	4	> 100 m	F	SW	3
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Herring Gull	5	> 100 m	F	SW	4
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Herring Gull	6	> 100 m	F	W	5
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Herring Gull	7	> 100 m	F	NE	1
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Herring Gull	8	> 100 m	F	NW	2
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Herring Gull	9	> 100 m	F	NE	1
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Herring Gull	10	> 100 m	F	N	1
222	21/09/2011	2011	9	summer	NA	T2	TSA	C	NA	0	9	Herring Gull	11	> 100 m	F	SE	2
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Black Duck	1	50 - 100 m	G	NE	10
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Double-crested Cormorant	1	> 100 m	G	N	1
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Herring Gull	1	> 100 m	G	NW	1
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Great Black-backed Gull	1	50 - 100 m	G	NE	1
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Double-crested Cormorant	2	> 100 m	G	N	1
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Herring Gull	2	> 100 m	G	W	10
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Great Black-backed Gull	2	> 100 m	F	NW	1
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Herring Gull	3	> 100 m	F	NW	4
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Great Black-backed Gull	3	> 100 m	F	E	1
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Herring Gull	4	> 100 m	F	N	1
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Great Black-backed Gull	4	> 100 m	G	NE	2
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Herring Gull	5	> 100 m	F	E	1
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Herring Gull	6	> 100 m	F	NE	1
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Herring Gull	7	> 100 m	F	W	2
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Herring Gull	8	> 100 m	F	N	2
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Herring Gull	9	> 100 m	G	NE	4
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Herring Gull	10	> 100 m	F	E	1
223	21/09/2011	2011	9	summer	NA	T3	TSA	C	NW	15	NA	Herring Gull	11	> 100 m	F	N	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Eider sp.	1	> 100 m	G	NE	13
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Red-breasted Merganser	1	> 100 m	F	NW	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Northern Gannet	1	> 100 m	F	NW	11
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Double-crested Cormorant	1	> 100 m	G	N	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Hawk sp.	1	> 100 m	F	NW	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	American Golden Plover	1	50 - 100 m	F	W	3
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Whimbrel	1	> 100 m	G	E	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	1	50 - 100 m	F	N	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Great Black-backed Gull	1	> 100 m	G	N	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Savannah Sparrow	1	50 - 100 m	G	W	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Double-crested Cormorant	2	> 100 m	G	NW	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	2	50 - 100 m	F	NW	2
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Great Black-backed Gull	2	> 100 m	F	NE	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Double-crested Cormorant	3	> 100 m	G	NE	2
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	3	> 100 m	F	E	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Great Black-backed Gull	3	> 100 m	G	SW	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Double-crested Cormorant	4	> 100 m	G	SW	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	4	> 100 m	F	NW	4
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	5	> 100 m	G	N	3
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	6	> 100 m	G	W	10
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	7	> 100 m	G	E	2
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	8	> 100 m	F	W	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	9	> 100 m	F	NE	7
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	10	> 100 m	G	N	2
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	11	> 100 m	F	SW	2
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	12	> 100 m	F	E	2
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	13	> 100 m	F	NE	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	14	> 100 m	G	N	4
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	15	> 100 m	G	E	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	16	> 100 m	F	NW	1
224	21/09/2011	2011	9	summer	NA	Control	CS	C	NW	10	9	Herring Gull	17	> 100 m	F	E	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Black Duck	1	> 100 m	F	W	2
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Green-winged Teal	1	50 - 100 m	G	SW	3
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Double-crested Cormorant	1	> 100 m	G	NW	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	1	> 100 m	G	SW	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Great Black-backed Gull	1	50 - 100 m	F	W	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Double-crested Cormorant	2	> 100 m	F	NE	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	2	> 100 m	F	NW	4
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Great Black-backed Gull	2	50 - 100 m	G	N	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Double-crested Cormorant	3	> 100 m	G	NW	7
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	3	> 100 m	F	SW	2
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Great Black-backed Gull	3	50 - 100 m	G	NE	2
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	4	> 100 m	F	N	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Great Black-backed Gull	4	50 - 100 m	F	NW	3
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	5	> 100 m	F	E	8
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Great Black-backed Gull	5	50 - 100 m	F	SW	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	6	> 100 m	G	W	5
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Great Black-backed Gull	6	50 - 100 m	G	NW	2
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	7	> 100 m	F	W	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Great Black-backed Gull	7	50 - 100 m	G	NE	2
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	8	> 100 m	F	NE	5
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Great Black-backed Gull	8	50 - 100 m	F	NW	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	9	> 100 m	F	NW	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	10	> 100 m	G	NE	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	11	> 100 m	F	NW	5
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	12	> 100 m	F	SE	2
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	13	> 100 m	F	SW	1
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	14	> 100 m	F	E	2
225	27/09/2011	2011	9	summer	NA	T1	TSA	C	NW	15	6	Herring Gull	15	> 100 m	F	NW	1
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Herring Gull	1	50 - 100 m	G	NW	5
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Great Black-backed Gull	1	> 100 m	F	NW	1
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Common Raven	1	> 100 m	F	SW	3
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Herring Gull	2	> 100 m	F	NW	3
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Great Black-backed Gull	2	> 100 m	F	W	1
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Herring Gull	3	> 100 m	F	W	1
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Herring Gull	4	> 100 m	G	NW	2
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Herring Gull	5	> 100 m	G	W	2
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Herring Gull	6	> 100 m	F	NE	3
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Herring Gull	7	> 100 m	F	NW	3

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Herring Gull	8	> 100 m	F	N	2
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Herring Gull	9	> 100 m	F	NW	6
226	27/09/2011	2011	9	summer	NA	T2	TSA	C	NW	15	6	Herring Gull	10	> 100 m	F	S	2
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Black Duck	1	50 - 100 m	G	NE	3
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Green-winged Teal	1	50 - 100 m	G	NE	2
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Double-crested Cormorant	1	> 100 m	F	N	1
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Herring Gull	1	> 100 m	F	N	1
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Great Black-backed Gull	1	> 100 m	G	NE	1
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Common Raven	1	50 - 100 m	F	N	1
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Savannah Sparrow	1	0 - 50 m	G	E	2
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Black Duck	2	> 100 m	F	W	2
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Double-crested Cormorant	2	> 100 m	F	N	1
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Herring Gull	2	> 100 m	F	NW	1
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Great Black-backed Gull	2	> 100 m	G	NW	4
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Double-crested Cormorant	3	> 100 m	G	NW	8
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Herring Gull	3	> 100 m	F	NE	2
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Double-crested Cormorant	4	> 100 m	F	N	1
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Herring Gull	4	> 100 m	G	NE	1
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Double-crested Cormorant	5	> 100 m	F	NW	2
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Herring Gull	5	> 100 m	F	NE	2
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Herring Gull	6	> 100 m	F	NW	12
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Herring Gull	7	> 100 m	F	E	1
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Herring Gull	8	> 100 m	G	NW	55
227	27/09/2011	2011	9	summer	NA	T3	TSA	C	NW	20	10	Herring Gull	9	> 100 m	F	NW	2
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Black Duck	1	50 - 100 m	F	NW	6
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Eider sp.	1	> 100 m	F	W	1
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Red-breasted Merganser	1	> 100 m	G	NW	2
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Common Loon	1	> 100 m	F	NW	1
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Double-crested Cormorant	1	> 100 m	F	W	1
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Herring Gull	1	> 100 m	G	N	1
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Great Black-backed Gull	1	50 - 100 m	F	NW	1
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Common Raven	1	> 100 m	F	S	1
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Eider sp.	2	> 100 m	G	NW	1
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Double-crested Cormorant	2	> 100 m	F	NW	3
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Herring Gull	2	> 100 m	F	NW	1
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Great Black-backed Gull	2	> 100 m	G	NE	1
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Eider sp.	3	> 100 m	F	NW	1
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Double-crested Cormorant	3	> 100 m	F	N	2
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Herring Gull	3	> 100 m	F	NW	2
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Great Black-backed Gull	3	> 100 m	F	NW	1
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Herring Gull	4	> 100 m	F	NW	2
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Herring Gull	5	> 100 m	F	E	6
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Herring Gull	6	> 100 m	F	S	1
228	27/09/2011	2011	9	summer	NA	Control	CS	C	NW	20	8	Herring Gull	7	> 100 m	F	NW	3
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Double-crested Cormorant	1	> 100 m	F	NW	1
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Bald Eagle	1	50 - 100 m	F	W	1
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Ring-billed Gull	1	NA	F	NA	239
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	1	0 - 50 m	F	N	1
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Great Black-backed Gull	1	0 - 50 m	F	N	1
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	2	50 - 100 m	G	NW	1
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Great Black-backed Gull	2	50 - 100 m	F	W	1
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	3	> 100 m	F	NW	3
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Great Black-backed Gull	3	50 - 100 m	F	N	1
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	4	> 100 m	F	SW	10

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Great Black-backed Gull	4	> 100 m	F	NW	10
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	5	> 100 m	F	SE	1
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Great Black-backed Gull	5	> 100 m	F	NW	2
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	6	> 100 m	F	NW	15
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Great Black-backed Gull	6	> 100 m	F	W	2
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	7	> 100 m	F	W	6
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	8	> 100 m	F	NE	10
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	9	> 100 m	F	NW	45
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	10	> 100 m	F	W	95
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	11	> 100 m	F	NW	20
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	12	> 100 m	F	W	20
229	10/07/2011	2011	10	fall	7:00	T1	TSA	C	N	40	4	Herring Gull	13	> 100 m	F	N	12
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Double-crested Cormorant	1	> 100 m	F	W	10
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Ring-billed Gull	1	NA	F	NA	100
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	1	50 - 100 m	F	S	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Great Black-backed Gull	1	> 100 m	F	W	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Common Raven	1	> 100 m	F	SE	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Double-crested Cormorant	2	> 100 m	F	N	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	2	50 - 100 m	F	N	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Great Black-backed Gull	2	> 100 m	F	NW	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Double-crested Cormorant	3	> 100 m	F	S	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	3	> 100 m	F	W	9
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Great Black-backed Gull	3	> 100 m	F	S	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Double-crested Cormorant	4	> 100 m	F	NW	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	4	> 100 m	F	NW	7
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Great Black-backed Gull	4	> 100 m	F	W	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	5	> 100 m	F	S	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	6	> 100 m	F	E	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	7	> 100 m	F	SW	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	8	> 100 m	F	NW	22
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	9	> 100 m	F	S	2
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	10	> 100 m	F	N	6
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	11	> 100 m	F	W	6
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	12	> 100 m	F	SW	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	13	> 100 m	F	NW	6
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	14	> 100 m	F	W	2
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	15	> 100 m	F	N	4
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	16	> 100 m	F	SW	2
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	17	> 100 m	F	N	6
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	18	> 100 m	F	NE	1
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	19	> 100 m	F	NW	16
230	10/07/2011	2011	10	fall	7:44	T2	TSA	C	N	40	4	Herring Gull	20	> 100 m	F	SW	5
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Canada Goose	1	50 - 100 m	G	NE	1
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Black Duck	1	50 - 100 m	G	NE	1
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Ring-billed Gull	1	NA	F	NA	65
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	1	50 - 100 m	F	N	1
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Great Black-backed Gull	1	50 - 100 m	F	NW	1
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Song Sparrow	1	0 - 50 m	G	E	2
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	2	> 100 m	F	N	15
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Great Black-backed Gull	2	50 - 100 m	G	NE	3
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	3	> 100 m	G	W	1
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Great Black-backed Gull	3	50 - 100 m	F	N	2
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	4	> 100 m	F	NW	8
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Great Black-backed Gull	4	50 - 100 m	F	W	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	5	> 100 m	F	W	4
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Great Black-backed Gull	5	50 - 100 m	F	NW	1
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	6	> 100 m	F	N	6
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Great Black-backed Gull	6	50 - 100 m	F	N	2
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	7	> 100 m	F	N	3
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Great Black-backed Gull	7	50 - 100 m	F	N	5
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	8	> 100 m	F	SW	1
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	9	> 100 m	F	E	2
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	10	> 100 m	F	W	1
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	11	> 100 m	F	NE	1
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	12	> 100 m	F	E	2
231	10/07/2011	2011	10	fall	10:12	T3	TSA	C	N	25	6	Herring Gull	13	> 100 m	F	N	20
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	American Kestrel	1	0 - 50 m	F	N	1
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	American Golden Plover	1	50 - 100 m	F	N	1
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Semi-palmated Plover	1	50 - 100 m	F	NW	4
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Ring-billed Gull	1	NA	F	NA	57
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Herring Gull	1	50 - 100 m	F	NW	1
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Great Black-backed Gull	1	50 - 100 m	F	W	1
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Black Guillemot	1	> 100 m	F	NW	1
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Herring Gull	2	> 100 m	F	N	18
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Great Black-backed Gull	2	50 - 100 m	F	NE	1
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Black Guillemot	2	> 100 m	F	NE	2
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Herring Gull	3	> 100 m	F	E	2
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Great Black-backed Gull	3	> 100 m	F	NW	1
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Herring Gull	4	> 100 m	F	NW	2
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Herring Gull	5	> 100 m	F	NW	7
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Herring Gull	6	> 100 m	F	E	1
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Herring Gull	7	> 100 m	F	N	10
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Herring Gull	8	> 100 m	F	E	3
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Herring Gull	9	> 100 m	F	NW	6
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Herring Gull	10	> 100 m	F	NE	4
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Herring Gull	11	> 100 m	F	W	1
232	10/07/2011	2011	10	fall	8:50	Control	CS	C	N	30	5	Herring Gull	12	> 100 m	F	E	2
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Black Duck	1	> 100 m	F	NW	2
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Common Loon	1	> 100 m	G	N	1
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Double-crested Cormorant	1	> 100 m	G	NW	10
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Sandpiper sp.	1	> 100 m	G	NW	6
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Ring-billed Gull	1	NA	F	NA	40
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Herring Gull	1	50 - 100 m	G	NE	1
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Great Black-backed Gull	1	> 100 m	G	NW	4
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Black Guillemot	1	> 100 m	G	NW	3
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Common Raven	1	50 - 100 m	G	W	5
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Double-crested Cormorant	2	> 100 m	F	NW	1
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Herring Gull	2	50 - 100 m	F	NW	1
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Great Black-backed Gull	2	> 100 m	G	W	1
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Black Guillemot	2	> 100 m	G	W	2
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Herring Gull	3	> 100 m	G	SW	1
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Herring Gull	4	> 100 m	F	SW	1
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Herring Gull	5	> 100 m	F	NW	3
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Herring Gull	6	> 100 m	G	NW	30
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Herring Gull	7	> 100 m	F	NW	2
233	10/12/2011	2011	10	fall	9:55	T1	TSA	C	NW	10	7	Herring Gull	8	> 100 m	F	N	1
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Eider sp.	1	> 100 m	G	SW	2
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	American Golden Plover	1	> 100 m	G	NW	3

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Ring-billed Gull	1	NA	F	NA	18
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Herring Gull	1	50 - 100 m	G	NW	1
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Great Black-backed Gull	1	> 100 m	F	N	1
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Common Raven	1	> 100 m	F	SW	1
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Herring Gull	2	> 100 m	F	NW	2
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Great Black-backed Gull	2	> 100 m	F	W	1
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Herring Gull	3	> 100 m	F	NE	1
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Great Black-backed Gull	3	> 100 m	G	NW	2
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Herring Gull	4	> 100 m	F	N	1
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Great Black-backed Gull	4	> 100 m	F	NW	1
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Herring Gull	5	> 100 m	F	S	1
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Herring Gull	6	> 100 m	F	SW	1
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Herring Gull	7	> 100 m	G	SW	4
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Herring Gull	8	> 100 m	G	NW	3
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Herring Gull	9	> 100 m	F	NW	2
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Herring Gull	10	> 100 m	F	SW	1
234	10/12/2011	2011	10	fall	6:50	T2	TSA	C	N	10	4	Herring Gull	11	> 100 m	F	E	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Common Loon	1	> 100 m	F	N	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Double-crested Cormorant	1	> 100 m	G	NW	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Ring-billed Gull	1	NA	F	NA	34
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	1	50 - 100 m	F	W	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Great Black-backed Gull	1	> 100 m	G	NE	2
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Black Guillemot	1	> 100 m	G	N	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Common Raven	1	> 100 m	F	E	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	American Robin	1	> 100 m	G	SW	2
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Savannah Sparrow	1	0 - 50 m	G	SW	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	2	50 - 100 m	F	NE	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Great Black-backed Gull	2	> 100 m	F	E	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Common Raven	2	> 100 m	F	E	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	3	> 100 m	G	NW	15
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Great Black-backed Gull	3	> 100 m	F	S	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	4	> 100 m	G	NE	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	5	> 100 m	G	SW	2
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	6	> 100 m	F	NW	2
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	7	> 100 m	F	E	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	8	> 100 m	F	SE	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	9	> 100 m	F	NW	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	10	> 100 m	F	N	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	11	> 100 m	F	E	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	12	> 100 m	G	E	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	13	> 100 m	G	N	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	14	> 100 m	F	SE	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	15	> 100 m	F	E	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	16	> 100 m	F	N	1
235	10/12/2011	2011	10	fall	7:34	T3	TSA	C	N	10	4	Herring Gull	17	> 100 m	F	NE	2
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Common Loon	1	> 100 m	G	W	1
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Double-crested Cormorant	1	50 - 100 m	G	N	1
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	American Golden Plover	1	> 100 m	G	NW	1
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Ring-billed Gull	1	NA	F	NA	38
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Herring Gull	1	50 - 100 m	G	NW	2
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Great Black-backed Gull	1	50 - 100 m	F	NW	1
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Black Guillemot	1	> 100 m	G	NE	5
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Common Raven	1	> 100 m	G	E	1
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Common Loon	2	> 100 m	G	NE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Herring Gull	2	50 - 100 m	F	NW	2
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Great Black-backed Gull	2	> 100 m	G	E	3
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Black Guillemot	2	> 100 m	G	NW	2
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Common Raven	2	> 100 m	F	SE	3
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Herring Gull	3	> 100 m	G	E	20
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Black Guillemot	3	> 100 m	F	NE	1
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Common Raven	3	> 100 m	G	W	2
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Herring Gull	4	> 100 m	F	N	1
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Herring Gull	5	> 100 m	F	NE	3
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Herring Gull	6	> 100 m	G	E	1
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Herring Gull	7	> 100 m	F	N	1
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Herring Gull	8	> 100 m	G	NW	4
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Herring Gull	9	> 100 m	F	NW	1
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Herring Gull	10	> 100 m	F	E	2
236	10/12/2011	2011	10	fall	8:35	Control	CS	C	NW	10	6	Herring Gull	11	> 100 m	F	SE	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Double-crested Cormorant	1	> 100 m	F	NW	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	American Golden Plover	1	50 - 100 m	G	N	2
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Ring-billed Gull	1	NA	F	NA	18
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Herring Gull	1	50 - 100 m	G	N	3
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Great Black-backed Gull	1	50 - 100 m	F	NW	2
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Common Raven	1	> 100 m	F	SW	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Double-crested Cormorant	2	> 100 m	F	NW	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Herring Gull	2	50 - 100 m	G	N	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Great Black-backed Gull	2	50 - 100 m	F	NW	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Common Raven	2	> 100 m	G	NE	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Herring Gull	3	50 - 100 m	F	NW	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Great Black-backed Gull	3	> 100 m	F	NW	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Herring Gull	4	50 - 100 m	G	N	3
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Great Black-backed Gull	4	> 100 m	F	NW	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Herring Gull	5	50 - 100 m	F	NW	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Great Black-backed Gull	5	> 100 m	G	NW	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Herring Gull	6	> 100 m	G	W	1
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Herring Gull	7	> 100 m	F	W	2
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Herring Gull	8	> 100 m	F	NW	4
237	19/10/2011	2011	10	fall	7:10	T1	TSA	C	SW	15	10	Herring Gull	9	> 100 m	F	W	2
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Northern Gannet	1	> 100 m	F	NE	2
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Double-crested Cormorant	1	> 100 m	G	NE	2
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Ring-billed Gull	1	NA	F	NA	48
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	1	0 - 50 m	F	W	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Great Black-backed Gull	1	> 100 m	F	NE	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	American Crow	1	> 100 m	F	S	8
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Common Raven	1	50 - 100 m	F	SW	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Northern Gannet	2	> 100 m	F	NW	4
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	2	50 - 100 m	F	S	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Great Black-backed Gull	2	> 100 m	F	N	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Common Raven	2	> 100 m	G	E	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	3	> 100 m	G	N	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Common Raven	3	> 100 m	G	E	3
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	4	> 100 m	F	N	6
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	5	> 100 m	F	SW	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	6	> 100 m	F	E	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	7	> 100 m	G	W	8
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	8	> 100 m	F	W	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	9	> 100 m	F	SE	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	10	> 100 m	F	NW	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	11	> 100 m	F	NW	13
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	12	> 100 m	F	E	3
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	13	> 100 m	F	NW	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	14	> 100 m	F	N	1
238	19/10/2011	2011	10	fall	10:23	T2	TSA	C	SW	15	11	Herring Gull	15	> 100 m	F	NW	8
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Double-crested Cormorant	1	> 100 m	G	NE	4
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Ring-billed Gull	1	NA	F	NA	27
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	1	0 - 50 m	F	SW	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Great Black-backed Gull	1	50 - 100 m	G	N	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Common Raven	1	> 100 m	G	E	2
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Double-crested Cormorant	2	> 100 m	G	NE	2
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	2	50 - 100 m	F	N	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Great Black-backed Gull	2	50 - 100 m	G	NE	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	3	> 100 m	G	SW	4
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Great Black-backed Gull	3	50 - 100 m	G	N	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	4	> 100 m	G	NW	6
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Great Black-backed Gull	4	> 100 m	F	NW	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	5	> 100 m	F	NE	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Great Black-backed Gull	5	> 100 m	G	NE	2
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	6	> 100 m	F	NW	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Great Black-backed Gull	6	> 100 m	G	NE	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	7	> 100 m	F	NW	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	8	> 100 m	F	N	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	9	> 100 m	G	NE	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	10	> 100 m	F	NE	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	11	> 100 m	F	N	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	12	> 100 m	G	NE	3
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	13	> 100 m	G	W	2
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	14	> 100 m	F	NW	1
239	19/10/2011	2011	10	fall	7:56	T3	TSA	C	SW	15	10	Herring Gull	15	> 100 m	F	N	2
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Eider sp.	1	> 100 m	G	E	6
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Northern Gannet	1	> 100 m	F	W	3
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Ring-billed Gull	1	NA	F	NA	36
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	1	0 - 50 m	F	N	1
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Great Black-backed Gull	1	50 - 100 m	G	N	1
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Common Raven	1	> 100 m	F	SW	1
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Eider sp.	2	> 100 m	G	NW	3
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Northern Gannet	2	> 100 m	F	N	1
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	2	50 - 100 m	F	NW	2
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Great Black-backed Gull	2	> 100 m	F	E	7
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Northern Gannet	3	> 100 m	F	W	2
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	3	> 100 m	G	N	6
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Great Black-backed Gull	3	> 100 m	F	N	1
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	4	> 100 m	G	E	3
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	5	> 100 m	F	W	1
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	6	> 100 m	G	N	3
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	7	> 100 m	F	NW	2
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	8	> 100 m	F	NW	2
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	9	> 100 m	F	E	1
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	10	> 100 m	F	S	1
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	11	> 100 m	F	W	1
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	12	> 100 m	F	W	5
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	13	> 100 m	F	NW	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	14	> 100 m	F	W	3
240	19/10/2011	2011	10	fall	8:56	Control	CS	C	SW	15	10	Herring Gull	15	> 100 m	F	NW	3
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Ring-billed Gull	1	NA	F	NA	15
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Herring Gull	1	50 - 100 m	F	NW	1
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Great Black-backed Gull	1	50 - 100 m	F	NW	2
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Common Raven	1	50 - 100 m	G	SW	2
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Herring Gull	2	> 100 m	F	N	2
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Great Black-backed Gull	2	> 100 m	F	NW	1
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Herring Gull	3	> 100 m	F	NW	1
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Great Black-backed Gull	3	> 100 m	F	NW	1
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Herring Gull	4	> 100 m	F	NE	2
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Great Black-backed Gull	4	> 100 m	F	NE	1
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Herring Gull	5	> 100 m	F	N	1
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Great Black-backed Gull	5	> 100 m	F	NW	4
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Herring Gull	6	> 100 m	F	NW	1
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Herring Gull	7	> 100 m	F	NW	1
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Herring Gull	8	> 100 m	F	SW	1
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Herring Gull	9	> 100 m	F	NW	1
241	27/10/2011	2011	10	fall	10:53	T1	TSA	C	NW	50	6	Herring Gull	10	> 100 m	F	NE	4
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Double-crested Cormorant	1	> 100 m	F	N	1
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Ring-billed Gull	1	NA	F	NA	41
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Herring Gull	1	0 - 50 m	F	SW	1
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Great Black-backed Gull	1	50 - 100 m	F	E	1
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Common Raven	1	> 100 m	F	NE	1
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Herring Gull	2	> 100 m	F	NW	6
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Great Black-backed Gull	2	> 100 m	F	SW	1
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Herring Gull	3	> 100 m	F	SW	4
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Great Black-backed Gull	3	> 100 m	F	NW	4
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Herring Gull	4	> 100 m	G	NE	15
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Great Black-backed Gull	4	> 100 m	G	NE	3
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Herring Gull	5	> 100 m	F	NW	5
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Great Black-backed Gull	5	> 100 m	F	N	1
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Herring Gull	6	> 100 m	F	NW	4
242	27/10/2011	2011	10	fall	10:09	T2	TSA	C	NW	50	5	Herring Gull	7	> 100 m	F	NE	6
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Double-crested Cormorant	1	> 100 m	F	N	1
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Ring-billed Gull	1	NA	F	NA	85
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	1	0 - 50 m	F	W	1
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Great Black-backed Gull	1	> 100 m	F	NE	1
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Common Raven	1	> 100 m	F	N	1
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	2	50 - 100 m	F	N	1
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Great Black-backed Gull	2	> 100 m	F	W	1
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Common Raven	2	> 100 m	F	SW	1
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	3	50 - 100 m	G	NE	2
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Great Black-backed Gull	3	> 100 m	F	N	1
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	4	50 - 100 m	F	E	1
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	5	50 - 100 m	F	NE	1
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	6	> 100 m	F	N	11
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	7	> 100 m	F	NW	20
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	8	> 100 m	F	W	8
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	9	> 100 m	F	N	10
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	10	> 100 m	F	NW	6
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	11	> 100 m	F	E	1
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	12	> 100 m	F	N	9
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	13	> 100 m	F	E	6

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
243	27/10/2011	2011	10	fall	7:30	T3	TSA	C	NW	50	4	Herring Gull	14	> 100 m	F	NW	8
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	Common Loon	1	> 100 m	F	NW	1
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	American Golden Plover	1	50 - 100 m	G	NW	3
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	Ring-billed Gull	1	NA	F	NA	20
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	Herring Gull	1	0 - 50 m	F	N	1
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	Great Black-backed Gull	1	50 - 100 m	F	NW	1
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	American Golden Plover	2	> 100 m	F	NW	1
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	Herring Gull	2	50 - 100 m	F	NW	5
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	Great Black-backed Gull	2	50 - 100 m	F	N	1
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	Herring Gull	3	50 - 100 m	F	NW	8
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	Great Black-backed Gull	3	> 100 m	F	W	2
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	Herring Gull	4	50 - 100 m	F	N	1
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	Great Black-backed Gull	4	> 100 m	F	W	1
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	Herring Gull	5	50 - 100 m	F	NE	3
244	27/10/2011	2011	10	fall	8:45	Control	CS	C	NW	50	4	Herring Gull	6	50 - 100 m	F	NW	2
245	11/03/2011	2011	11	fall	10:33	T1	TSA	C	SW	20	8	Herring Gull	1	0 - 50 m	F	SW	1
245	11/03/2011	2011	11	fall	10:33	T1	TSA	C	SW	20	8	Great Black-backed Gull	1	> 100 m	G	W	1
245	11/03/2011	2011	11	fall	10:33	T1	TSA	C	SW	20	8	Black Guillemot	1	> 100 m	F	NW	1
245	11/03/2011	2011	11	fall	10:33	T1	TSA	C	SW	20	8	Herring Gull	2	50 - 100 m	F	NW	2
245	11/03/2011	2011	11	fall	10:33	T1	TSA	C	SW	20	8	Herring Gull	3	50 - 100 m	F	SW	1
245	11/03/2011	2011	11	fall	10:33	T1	TSA	C	SW	20	8	Herring Gull	4	50 - 100 m	F	W	2
245	11/03/2011	2011	11	fall	10:33	T1	TSA	C	SW	20	8	Herring Gull	5	50 - 100 m	G	N	1
245	11/03/2011	2011	11	fall	10:33	T1	TSA	C	SW	20	8	Herring Gull	6	50 - 100 m	F	NW	2
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Eider sp.	1	> 100 m	G	NW	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Double-crested Cormorant	1	> 100 m	G	NW	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Merlin	1	> 100 m	F	SW	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Herring Gull	1	0 - 50 m	F	N	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Great Black-backed Gull	1	50 - 100 m	F	SW	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Common Raven	1	0 - 50 m	F	SW	5
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Eider sp.	2	> 100 m	F	NW	2
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Herring Gull	2	0 - 50 m	F	S	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Great Black-backed Gull	2	50 - 100 m	F	NE	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Common Raven	2	> 100 m	F	NW	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Herring Gull	3	50 - 100 m	F	S	2
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Great Black-backed Gull	3	> 100 m	F	NW	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Common Raven	3	> 100 m	F	SW	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Herring Gull	4	> 100 m	G	NW	7
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Great Black-backed Gull	4	> 100 m	F	S	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Common Raven	4	> 100 m	F	W	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Herring Gull	5	> 100 m	F	W	6
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Great Black-backed Gull	5	> 100 m	F	E	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Common Raven	5	> 100 m	F	SW	3
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Herring Gull	6	> 100 m	G	NW	81
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Great Black-backed Gull	6	> 100 m	F	N	1
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Herring Gull	7	> 100 m	F	NW	10
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Herring Gull	8	> 100 m	F	SW	9
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Herring Gull	9	> 100 m	F	E	12
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Herring Gull	10	> 100 m	F	S	5
246	11/03/2011	2011	11	fall	8:54	T2	TSA	C	W	20	6	Herring Gull	11	> 100 m	F	NW	7
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	1	> 100 m	F	E	1
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Great Black-backed Gull	1	50 - 100 m	F	NE	1
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Common Raven	1	> 100 m	F	NE	1
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	2	> 100 m	F	N	5
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Great Black-backed Gull	2	50 - 100 m	G	N	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Common Raven	2	> 100 m	F	E	2
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	3	> 100 m	G	NE	3
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Great Black-backed Gull	3	> 100 m	F	N	1
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	4	> 100 m	F	N	2
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Great Black-backed Gull	4	> 100 m	G	NE	1
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	5	> 100 m	F	NE	6
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Great Black-backed Gull	5	> 100 m	F	NW	1
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	6	> 100 m	F	NW	7
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	7	> 100 m	G	NW	65
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	8	> 100 m	G	W	4
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	9	> 100 m	F	W	2
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	10	> 100 m	F	NW	12
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	11	> 100 m	G	NW	1
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	12	> 100 m	F	NW	7
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	13	> 100 m	F	W	1
247	11/03/2011	2011	11	fall	9:38	T3	TSA	C	SW	20	7	Herring Gull	14	> 100 m	F	E	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Black Duck	1	> 100 m	F	E	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Eider sp.	1	> 100 m	F	NW	6
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Double-crested Cormorant	1	> 100 m	G	N	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	1	0 - 50 m	F	NW	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Great Black-backed Gull	1	> 100 m	F	N	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Snow Bunting	1	> 100 m	G	E	40
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Eider sp.	2	> 100 m	F	NW	2
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Double-crested Cormorant	2	> 100 m	F	NW	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	2	50 - 100 m	F	NE	3
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Great Black-backed Gull	2	> 100 m	G	N	9
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	3	50 - 100 m	F	NW	2
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Great Black-backed Gull	3	> 100 m	F	NW	2
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	4	> 100 m	G	N	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Great Black-backed Gull	4	> 100 m	F	NW	5
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	5	> 100 m	F	N	2
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Great Black-backed Gull	5	> 100 m	F	N	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	6	> 100 m	G	N	5
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Great Black-backed Gull	6	> 100 m	G	N	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	7	> 100 m	F	W	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Great Black-backed Gull	7	> 100 m	F	NW	2
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	8	> 100 m	F	NE	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Great Black-backed Gull	8	> 100 m	F	E	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	9	> 100 m	G	N	3
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	10	> 100 m	G	W	2
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	11	> 100 m	G	E	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	12	> 100 m	F	E	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	13	> 100 m	F	NE	6
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	14	> 100 m	F	W	1
248	11/03/2011	2011	11	fall	7:30	Control	CS	C	W	20	5	Herring Gull	15	> 100 m	G	N	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Eider sp.	1	> 100 m	G	NW	8
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Common Loon	1	> 100 m	F	NW	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Double-crested Cormorant	1	> 100 m	G	NW	4
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Bald Eagle	1	> 100 m	F	NW	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Herring Gull	1	50 - 100 m	F	N	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Common Raven	1	50 - 100 m	F	E	6
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	European Starling	1	> 100 m	G	SE	8
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Double-crested Cormorant	2	> 100 m	F	NW	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Herring Gull	2	50 - 100 m	G	SW	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Double-crested Cormorant	3	> 100 m	F	NW	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Herring Gull	3	50 - 100 m	G	NW	5
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Herring Gull	4	50 - 100 m	F	NW	2
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Herring Gull	5	50 - 100 m	F	W	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Herring Gull	6	50 - 100 m	G	SW	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Herring Gull	7	50 - 100 m	F	NW	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Herring Gull	8	50 - 100 m	F	NE	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Herring Gull	9	50 - 100 m	G	NW	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Herring Gull	10	50 - 100 m	G	NW	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Herring Gull	11	50 - 100 m	F	NW	1
249	22/11/2011	2011	11	fall	9:25	T1	TSA	C	NW	15	0	Herring Gull	12	50 - 100 m	F	NE	2
250	22/11/2011	2011	11	fall	10:09	T2	TSA	C	NW	15	11	Double-crested Cormorant	1	> 100 m	F	NW	1
250	22/11/2011	2011	11	fall	10:09	T2	TSA	C	NW	15	11	Herring Gull	1	> 100 m	F	N	2
250	22/11/2011	2011	11	fall	10:09	T2	TSA	C	NW	15	11	Black Guillemot	1	> 100 m	G	W	1
250	22/11/2011	2011	11	fall	10:09	T2	TSA	C	NW	15	11	Double-crested Cormorant	2	> 100 m	G	W	1
250	22/11/2011	2011	11	fall	10:09	T2	TSA	C	NW	15	11	Herring Gull	2	> 100 m	F	NW	2
250	22/11/2011	2011	11	fall	10:09	T2	TSA	C	NW	15	11	Double-crested Cormorant	3	> 100 m	G	NW	1
250	22/11/2011	2011	11	fall	10:09	T2	TSA	C	NW	15	11	Herring Gull	3	> 100 m	G	W	2
250	22/11/2011	2011	11	fall	10:09	T2	TSA	C	NW	15	11	Herring Gull	4	> 100 m	G	SW	4
251	22/11/2011	2011	11	fall	8:40	T3	TSA	C	NW	15	-1	American Coot	1	50 - 100 m	G	NE	2
251	22/11/2011	2011	11	fall	8:40	T3	TSA	C	NW	15	-1	Herring Gull	1	> 100 m	F	N	1
251	22/11/2011	2011	11	fall	8:40	T3	TSA	C	NW	15	-1	Great Black-backed Gull	1	> 100 m	F	NW	1
251	22/11/2011	2011	11	fall	8:40	T3	TSA	C	NW	15	-1	Common Raven	1	50 - 100 m	G	NE	1
251	22/11/2011	2011	11	fall	8:40	T3	TSA	C	NW	15	-1	Herring Gull	2	> 100 m	F	N	1
251	22/11/2011	2011	11	fall	8:40	T3	TSA	C	NW	15	-1	Common Raven	2	50 - 100 m	G	E	1
251	22/11/2011	2011	11	fall	8:40	T3	TSA	C	NW	15	-1	Herring Gull	3	> 100 m	F	N	1
251	22/11/2011	2011	11	fall	8:40	T3	TSA	C	NW	15	-1	Common Raven	3	50 - 100 m	F	NE	1
251	22/11/2011	2011	11	fall	8:40	T3	TSA	C	NW	15	-1	Common Raven	4	> 100 m	F	N	1
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Black Duck	1	> 100 m	G	E	14
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Red-breasted Merganser	1	> 100 m	F	NW	2
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Northern Gannet	1	> 100 m	F	W	1
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Double-crested Cormorant	1	> 100 m	F	NW	2
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Herring Gull	1	0 - 50 m	F	W	1
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Great Black-backed Gull	1	> 100 m	F	N	1
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	American Crow	1	> 100 m	F	S	9
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Common Raven	1	50 - 100 m	F	N	2
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Snow Bunting	1	50 - 100 m	G	SW	9
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Double-crested Cormorant	2	> 100 m	G	NW	4
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Herring Gull	2	> 100 m	F	NA	NA
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Common Raven	2	> 100 m	F	NE	1
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Double-crested Cormorant	3	> 100 m	F	N	2
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Herring Gull	3	> 100 m	F	NW	1
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Double-crested Cormorant	4	> 100 m	F	W	1
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Herring Gull	4	> 100 m	F	E	2
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Double-crested Cormorant	5	> 100 m	F	NW	3
252	22/11/2011	2011	11	fall	7:19	Control	CS	C	NW	15	-1	Herring Gull	5	> 100 m	F	E	4
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Eider sp.	1	> 100 m	G	NW	2
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Long-tailed Duck	1	> 100 m	F	NW	1
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	1	0 - 50 m	F	SW	1
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Great Black-backed Gull	1	> 100 m	F	NW	2
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Dovekie	1	> 100 m	F	NE	65
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Black Guillemot	1	> 100 m	G	W	2
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Common Raven	1	> 100 m	F	SW	4
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Snow Bunting	1	50 - 100 m	F	N	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	2	50 - 100 m	F	N	1
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Great Black-backed Gull	2	> 100 m	F	NW	1
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Black Guillemot	2	> 100 m	G	W	1
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	3	> 100 m	F	W	2
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	4	> 100 m	F	SW	2
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	5	> 100 m	G	W	2
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	6	> 100 m	F	NW	2
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	7	> 100 m	F	W	2
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	8	> 100 m	G	W	4
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	9	> 100 m	F	NW	5
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	10	> 100 m	G	NW	3
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	11	> 100 m	F	NW	3
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	12	> 100 m	F	NE	4
253	29/11/2011	2011	11	fall	8:44	T1	TSA	C	E	20	4	Herring Gull	13	> 100 m	F	E	1
254	29/11/2011	2011	11	fall	8:00	T2	TSA	C	N	20	3	Common Loon	1	> 100 m	F	NW	1
254	29/11/2011	2011	11	fall	8:00	T2	TSA	C	N	20	3	Herring Gull	1	> 100 m	F	N	1
254	29/11/2011	2011	11	fall	8:00	T2	TSA	C	N	20	3	Great Black-backed Gull	1	> 100 m	F	SW	2
254	29/11/2011	2011	11	fall	8:00	T2	TSA	C	N	20	3	Black Guillemot	1	> 100 m	F	W	2
254	29/11/2011	2011	11	fall	8:00	T2	TSA	C	N	20	3	Common Raven	1	> 100 m	G	S	3
254	29/11/2011	2011	11	fall	8:00	T2	TSA	C	N	20	3	Herring Gull	2	> 100 m	F	NW	5
254	29/11/2011	2011	11	fall	8:00	T2	TSA	C	N	20	3	Great Black-backed Gull	2	> 100 m	F	SW	1
254	29/11/2011	2011	11	fall	8:00	T2	TSA	C	N	20	3	Herring Gull	3	> 100 m	F	NW	2
254	29/11/2011	2011	11	fall	8:00	T2	TSA	C	N	20	3	Herring Gull	4	> 100 m	F	N	1
254	29/11/2011	2011	11	fall	8:00	T2	TSA	C	N	20	3	Herring Gull	5	> 100 m	F	SW	1
254	29/11/2011	2011	11	fall	8:00	T2	TSA	C	N	20	3	Herring Gull	6	> 100 m	F	NW	1
255	29/11/2011	2011	11	fall	7:15	T3	TSA	C	N	15	3	Double-crested Cormorant	1	> 100 m	F	N	1
255	29/11/2011	2011	11	fall	7:15	T3	TSA	C	N	15	3	Herring Gull	1	> 100 m	F	N	1
255	29/11/2011	2011	11	fall	7:15	T3	TSA	C	N	15	3	Great Black-backed Gull	1	> 100 m	F	N	1
255	29/11/2011	2011	11	fall	7:15	T3	TSA	C	N	15	3	Common Raven	1	> 100 m	F	NW	1
255	29/11/2011	2011	11	fall	7:15	T3	TSA	C	N	15	3	Herring Gull	2	> 100 m	F	NW	1
255	29/11/2011	2011	11	fall	7:15	T3	TSA	C	N	15	3	Great Black-backed Gull	2	> 100 m	F	NW	1
255	29/11/2011	2011	11	fall	7:15	T3	TSA	C	N	15	3	Herring Gull	3	> 100 m	F	E	5
255	29/11/2011	2011	11	fall	7:15	T3	TSA	C	N	15	3	Herring Gull	4	> 100 m	F	NW	1
255	29/11/2011	2011	11	fall	7:15	T3	TSA	C	N	15	3	Herring Gull	5	> 100 m	F	NW	3
256	29/11/2011	2011	11	fall	11:10	Control	CS	C	E	20	4	Double-crested Cormorant	1	> 100 m	F	NW	1
256	29/11/2011	2011	11	fall	11:10	Control	CS	C	E	20	4	Puple Sandpiper	1	50 - 100 m	F	NW	60
256	29/11/2011	2011	11	fall	11:10	Control	CS	C	E	20	4	Herring Gull	1	> 100 m	G	NW	18
256	29/11/2011	2011	11	fall	11:10	Control	CS	C	E	20	4	Great Black-backed Gull	1	> 100 m	F	NE	3
256	29/11/2011	2011	11	fall	11:10	Control	CS	C	E	20	4	Dovekie	1	> 100 m	F	N	12
256	29/11/2011	2011	11	fall	11:10	Control	CS	C	E	20	4	Herring Gull	2	> 100 m	F	NE	7
256	29/11/2011	2011	11	fall	11:10	Control	CS	C	E	20	4	Great Black-backed Gull	2	> 100 m	F	NW	2
256	29/11/2011	2011	11	fall	11:10	Control	CS	C	E	20	4	Dovekie	2	> 100 m	F	NW	16
256	29/11/2011	2011	11	fall	11:10	Control	CS	C	E	20	4	Herring Gull	3	> 100 m	F	E	5
256	29/11/2011	2011	11	fall	11:10	Control	CS	C	E	20	4	Great Black-backed Gull	3	> 100 m	G	E	3
256	29/11/2011	2011	11	fall	11:10	Control	CS	C	E	20	4	Herring Gull	4	> 100 m	F	NE	1
256	29/11/2011	2011	11	fall	11:10	Control	CS	C	E	20	4	Great Black-backed Gull	4	> 100 m	F	NE	1
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	Double-crested Cormorant	1	> 100 m	F	NW	1
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	Herring Gull	1	50 - 100 m	G	N	2
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	Great Black-backed Gull	1	> 100 m	G	NE	1
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	American Crow	1	50 - 100 m	G	N	9
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	Common Raven	1	50 - 100 m	F	NW	1
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	Double-crested Cormorant	2	> 100 m	G	NW	1
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	Herring Gull	2	50 - 100 m	F	NW	2
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	Great Black-backed Gull	2	> 100 m	G	NW	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	Common Raven	2	> 100 m	G	NE	2
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	Double-crested Cormorant	3	> 100 m	F	NW	2
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	Double-crested Cormorant	4	> 100 m	F	N	1
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	Double-crested Cormorant	5	> 100 m	F	NW	1
257	13/12/2011	2011	12	fall	8:14	T1	TSA	C	SW	15	2	Double-crested Cormorant	6	> 100 m	F	NW	1
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Double-crested Cormorant	1	> 100 m	F	NW	4
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Herring Gull	1	> 100 m	F	NW	10
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Great Black-backed Gull	1	> 100 m	G	NW	6
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Common Raven	1	> 100 m	G	NE	1
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	European Starling	1	50 - 100 m	G	SE	25
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Double-crested Cormorant	2	> 100 m	F	NW	1
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Herring Gull	2	> 100 m	F	SW	1
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Great Black-backed Gull	2	> 100 m	F	NE	2
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Herring Gull	3	> 100 m	F	NW	2
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Great Black-backed Gull	3	> 100 m	F	NE	1
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Herring Gull	4	> 100 m	F	SW	3
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Great Black-backed Gull	4	> 100 m	G	NE	1
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Herring Gull	5	> 100 m	F	NW	1
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Great Black-backed Gull	5	> 100 m	F	NW	1
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Herring Gull	6	> 100 m	F	W	1
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Herring Gull	7	> 100 m	F	N	2
258	13/12/2011	2011	12	fall	10:53	T2	TSA	C	SW	15	2	Herring Gull	8	> 100 m	F	NW	1
259	13/12/2011	2011	12	fall	7:30	T3	TSA	C	SW	15	2	Herring Gull	1	> 100 m	F	N	2
259	13/12/2011	2011	12	fall	7:30	T3	TSA	C	SW	15	2	Great Black-backed Gull	1	> 100 m	F	SE	2
259	13/12/2011	2011	12	fall	7:30	T3	TSA	C	SW	15	2	Common Raven	1	> 100 m	F	W	1
259	13/12/2011	2011	12	fall	7:30	T3	TSA	C	SW	15	2	Herring Gull	2	> 100 m	F	SW	2
259	13/12/2011	2011	12	fall	7:30	T3	TSA	C	SW	15	2	Common Raven	2	> 100 m	F	SW	2
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Herring Gull	1	> 100 m	F	E	8
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Great Black-backed Gull	1	50 - 100 m	F	N	1
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Black Guillemot	1	> 100 m	G	NE	3
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Common Raven	1	> 100 m	F	SE	1
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Snow Bunting	1	0 - 50 m	G	N	5
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Herring Gull	2	> 100 m	G	E	1
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Great Black-backed Gull	2	> 100 m	F	E	1
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Black Guillemot	2	> 100 m	G	N	1
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Herring Gull	3	> 100 m	F	NE	2
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Great Black-backed Gull	3	> 100 m	F	N	1
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Black Guillemot	3	> 100 m	G	W	1
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Herring Gull	4	> 100 m	F	E	3
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Great Black-backed Gull	4	> 100 m	F	N	3
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Herring Gull	5	> 100 m	F	N	1
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Great Black-backed Gull	5	> 100 m	F	W	1
260	13/12/2011	2011	12	fall	9:33	Control	CS	C	SW	15	2	Herring Gull	6	> 100 m	F	W	8
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Double-crested Cormorant	1	> 100 m	F	NE	1
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Bald Eagle	1	0 - 50 m	F	NW	1
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Herring Gull	1	> 100 m	F	SW	6
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Great Black-backed Gull	1	> 100 m	F	NW	1
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Dovekie	1	50 - 100 m	F	W	1
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Black Guillemot	1	> 100 m	F	NW	1
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Common Raven	1	50 - 100 m	F	NW	1
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Bald Eagle	2	> 100 m	F	NW	1
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Herring Gull	2	> 100 m	F	W	1
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Dovekie	2	50 - 100 m	F	NW	8
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Herring Gull	3	> 100 m	F	NW	6

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Herring Gull	4	> 100 m	F	NW	2
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Herring Gull	5	> 100 m	F	NE	1
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Herring Gull	6	> 100 m	F	NW	2
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Herring Gull	7	> 100 m	F	SW	1
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Herring Gull	8	> 100 m	F	SE	1
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Herring Gull	9	> 100 m	F	NW	3
261	15/01/2012	2012	1	winter	8:14	T1	TSA	C	NW	35	-6	Herring Gull	10	> 100 m	F	SW	2
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Double-crested Cormorant	1	> 100 m	F	NW	1
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Herring Gull	1	0 - 50 m	F	N	1
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Great Black-backed Gull	1	> 100 m	F	NW	1
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Dovekie	1	> 100 m	F	NW	9
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Herring Gull	2	> 100 m	F	W	3
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Herring Gull	3	> 100 m	F	N	1
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Herring Gull	4	> 100 m	F	NW	7
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Herring Gull	5	> 100 m	F	SW	5
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Herring Gull	6	> 100 m	F	NW	3
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Herring Gull	7	> 100 m	F	N	2
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Herring Gull	8	> 100 m	F	NW	3
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Herring Gull	9	> 100 m	F	NE	3
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Herring Gull	10	> 100 m	F	S	1
262	15/01/2012	2012	1	winter	8:58	T2	TSA	C	NW	35	-7	Herring Gull	11	> 100 m	F	NW	7
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Double-crested Cormorant	1	> 100 m	F	N	1
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Bald Eagle	1	50 - 100 m	F	NW	1
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Herring Gull	1	> 100 m	F	N	1
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Dovekie	1	> 100 m	F	N	1
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Common Raven	1	> 100 m	F	NE	1
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Bald Eagle	2	> 100 m	F	W	1
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Herring Gull	2	> 100 m	F	N	1
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Common Raven	2	> 100 m	F	W	1
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Herring Gull	3	> 100 m	F	NW	2
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Herring Gull	4	> 100 m	F	NW	8
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Herring Gull	5	> 100 m	F	NW	4
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Herring Gull	6	> 100 m	F	NE	1
263	15/01/2012	2012	1	winter	7:30	T3	TSA	C	NW	35	-6	Herring Gull	7	> 100 m	F	N	5
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Double-crested Cormorant	1	> 100 m	F	NW	1
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Herring Gull	1	50 - 100 m	F	NW	1
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Dovekie	1	> 100 m	F	N	5
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Common Raven	1	50 - 100 m	F	SE	1
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Snow Bunting	1	50 - 100 m	F	NA	1
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Herring Gull	2	50 - 100 m	F	NW	2
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Dovekie	2	> 100 m	F	N	2
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Common Raven	2	> 100 m	G	SW	1
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Herring Gull	3	> 100 m	F	NE	3
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Dovekie	3	> 100 m	F	NW	3
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Herring Gull	4	> 100 m	F	NW	1
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Herring Gull	5	> 100 m	F	N	1
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Herring Gull	6	> 100 m	F	E	1
264	15/01/2012	2012	1	winter	10:05	Control	CS	C	NW	40	-8	Herring Gull	7	> 100 m	F	E	5
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	1	> 100 m	F	NW	3
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Great Black-backed Gull	1	> 100 m	F	NW	1
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Common Raven	1	> 100 m	F	NW	2
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	European Starling	1	> 100 m	F	NW	20
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	2	> 100 m	F	N	1
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Great Black-backed Gull	2	> 100 m	F	NW	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	3	> 100 m	F	W	1
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Great Black-backed Gull	3	> 100 m	F	SW	1
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	4	> 100 m	F	W	2
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	5	> 100 m	F	NW	6
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	6	> 100 m	F	NE	1
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	7	> 100 m	F	NW	3
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	8	> 100 m	F	N	1
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	9	> 100 m	F	S	2
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	10	> 100 m	F	SW	1
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	11	> 100 m	F	E	1
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	12	> 100 m	F	W	2
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	13	> 100 m	F	NW	3
265	13/02/2012	2012	2	winter	7:57	T1	TSA	C	NW	40	-6	Herring Gull	14	> 100 m	F	SW	1
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Double-crested Cormorant	1	> 100 m	F	NW	1
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Herring Gull	1	50 - 100 m	F	NE	1
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Common Raven	1	50 - 100 m	F	S	2
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Herring Gull	2	50 - 100 m	F	W	2
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Common Raven	2	> 100 m	F	NE	2
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Herring Gull	3	50 - 100 m	F	SE	1
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Herring Gull	4	50 - 100 m	F	S	1
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Herring Gull	5	50 - 100 m	F	W	1
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Herring Gull	6	> 100 m	F	SW	3
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Herring Gull	7	> 100 m	F	NW	1
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Herring Gull	8	> 100 m	F	NE	1
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Herring Gull	9	> 100 m	F	N	2
266	13/02/2012	2012	2	winter	7:13	T2	TSA	C	NW	30	-6	Herring Gull	10	> 100 m	F	NW	1
267	13/02/2012	2012	2	winter	8:42	T3	TSA	C	NW	50	-6	Herring Gull	1	> 100 m	F	N	3
267	13/02/2012	2012	2	winter	8:42	T3	TSA	C	NW	50	-6	Great Black-backed Gull	1	> 100 m	F	NE	1
267	13/02/2012	2012	2	winter	8:42	T3	TSA	C	NW	50	-6	Common Raven	1	> 100 m	F	E	1
267	13/02/2012	2012	2	winter	8:42	T3	TSA	C	NW	50	-6	Herring Gull	2	> 100 m	F	SE	1
267	13/02/2012	2012	2	winter	8:42	T3	TSA	C	NW	50	-6	Herring Gull	3	> 100 m	F	NE	3
267	13/02/2012	2012	2	winter	8:42	T3	TSA	C	NW	50	-6	Herring Gull	4	> 100 m	F	NW	1
267	13/02/2012	2012	2	winter	8:42	T3	TSA	C	NW	50	-6	Herring Gull	5	> 100 m	G	NE	1
267	13/02/2012	2012	2	winter	8:42	T3	TSA	C	NW	50	-6	Herring Gull	6	> 100 m	F	NW	1
268	13/02/2012	2012	2	winter	9:45	Control	CS	C	NW	50	-6	Eider sp.	1	> 100 m	F	NE	1
268	13/02/2012	2012	2	winter	9:45	Control	CS	C	NW	50	-6	Double-crested Cormorant	1	> 100 m	F	W	1
268	13/02/2012	2012	2	winter	9:45	Control	CS	C	NW	50	-6	Herring Gull	1	> 100 m	F	W	1
268	13/02/2012	2012	2	winter	9:45	Control	CS	C	NW	50	-6	Dovekie	1	> 100 m	F	N	3
268	13/02/2012	2012	2	winter	9:45	Control	CS	C	NW	50	-6	Black Guillemot	1	> 100 m	F	NE	10
268	13/02/2012	2012	2	winter	9:45	Control	CS	C	NW	50	-6	Eider sp.	2	> 100 m	G	N	3
268	13/02/2012	2012	2	winter	9:45	Control	CS	C	NW	50	-6	Double-crested Cormorant	2	> 100 m	F	N	1
268	13/02/2012	2012	2	winter	9:45	Control	CS	C	NW	50	-6	Herring Gull	2	> 100 m	F	N	1
268	13/02/2012	2012	2	winter	9:45	Control	CS	C	NW	50	-6	Herring Gull	3	> 100 m	F	NE	1
268	13/02/2012	2012	2	winter	9:45	Control	CS	C	NW	50	-6	Herring Gull	4	> 100 m	F	W	1
268	13/02/2012	2012	2	winter	9:45	Control	CS	C	NW	50	-6	Herring Gull	5	> 100 m	F	NE	1
269	15/03/2012	2012	3	winter	8:42	T1	TSA	C	E	40	-5	Eider sp.	1	> 100 m	F	NW	1
269	15/03/2012	2012	3	winter	8:42	T1	TSA	C	E	40	-5	Double-crested Cormorant	1	> 100 m	F	NW	1
269	15/03/2012	2012	3	winter	8:42	T1	TSA	C	E	40	-5	Herring Gull	1	> 100 m	F	SW	2
269	15/03/2012	2012	3	winter	8:42	T1	TSA	C	E	40	-5	Common Raven	1	> 100 m	F	E	2
269	15/03/2012	2012	3	winter	8:42	T1	TSA	C	E	40	-5	Herring Gull	2	> 100 m	F	W	1
269	15/03/2012	2012	3	winter	8:42	T1	TSA	C	E	40	-5	Herring Gull	3	> 100 m	F	W	3
269	15/03/2012	2012	3	winter	8:42	T1	TSA	C	E	40	-5	Herring Gull	4	> 100 m	F	SW	5
269	15/03/2012	2012	3	winter	8:42	T1	TSA	C	E	40	-5	Herring Gull	5	> 100 m	G	NW	1
269	15/03/2012	2012	3	winter	8:42	T1	TSA	C	E	40	-5	Herring Gull	6	> 100 m	F	SW	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
269	15/03/2012	2012	3	winter	8:42	T1	TSA	C	E	40	-5	Herring Gull	7	> 100 m	G	SW	20
269	15/03/2012	2012	3	winter	8:42	T1	TSA	C	E	40	-5	Herring Gull	8	> 100 m	F	NW	2
269	15/03/2012	2012	3	winter	8:42	T1	TSA	C	E	40	-5	Herring Gull	9	> 100 m	F	NE	1
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Eider sp.	1	> 100 m	F	NE	1
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Double-crested Cormorant	1	> 100 m	G	NW	5
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Herring Gull	1	> 100 m	F	NW	1
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Black Guillemot	1	> 100 m	F	NE	1
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Common Raven	1	> 100 m	F	NE	2
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Herring Gull	2	> 100 m	F	SW	7
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Herring Gull	3	> 100 m	G	N	3
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Herring Gull	4	> 100 m	F	W	5
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Herring Gull	5	> 100 m	F	SW	2
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Herring Gull	6	> 100 m	F	SW	3
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Herring Gull	7	> 100 m	F	SW	1
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Herring Gull	8	> 100 m	F	W	1
270	15/03/2012	2012	3	winter	7:58	T2	TSA	C	E	40	-5	Herring Gull	9	> 100 m	F	NW	1
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Bald Eagle	1	> 100 m	F	N	1
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Herring Gull	1	50 - 100 m	F	N	1
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Great Black-backed Gull	1	> 100 m	F	NE	1
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Common Raven	1	50 - 100 m	F	SW	1
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Herring Gull	2	> 100 m	F	NW	2
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Common Raven	2	> 100 m	F	N	1
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Herring Gull	3	> 100 m	F	N	5
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Common Raven	3	> 100 m	F	NE	2
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Herring Gull	4	> 100 m	F	N	2
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Common Raven	4	> 100 m	F	NE	1
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Herring Gull	5	> 100 m	F	NE	3
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Herring Gull	6	> 100 m	F	NW	1
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Herring Gull	7	> 100 m	F	NE	1
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Herring Gull	8	> 100 m	F	N	1
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Herring Gull	9	> 100 m	F	N	2
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Herring Gull	10	> 100 m	F	NW	1
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Herring Gull	11	> 100 m	F	SW	2
271	15/03/2012	2012	3	winter	7:13	T3	TSA	C	E	40	-5	Herring Gull	12	> 100 m	F	W	1
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Double-crested Cormorant	1	> 100 m	F	W	1
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Purple Sandpiper	1	> 100 m	F	N	20
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	1	0 - 50 m	F	NE	3
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Black Guillemot	1	> 100 m	F	NW	1
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Common Raven	1	0 - 50 m	F	W	1
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	2	> 100 m	G	NE	1
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Common Raven	2	> 100 m	G	W	1
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	3	> 100 m	F	NE	3
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Common Raven	3	> 100 m	F	W	2
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	4	> 100 m	F	N	1
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Common Raven	4	> 100 m	G	NE	1
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	5	> 100 m	F	N	1
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Common Raven	5	> 100 m	G	SE	1
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	6	> 100 m	F	NE	3
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	7	> 100 m	F	N	4
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	8	> 100 m	F	N	1
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	9	> 100 m	F	NE	4
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	10	> 100 m	F	W	1
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	11	> 100 m	F	N	2
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	12	> 100 m	F	NW	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	13	> 100 m	F	W	2
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	14	> 100 m	F	NE	3
272	15/03/2012	2012	3	winter	9:40	Control	CS	C	E	40	-5	Herring Gull	15	> 100 m	F	N	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Eider sp.	1	> 100 m	F	SW	2
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Double-crested Cormorant	1	> 100 m	F	NE	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	1	> 100 m	G	NW	2
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Great Black-backed Gull	1	> 100 m	G	NW	2
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Common Raven	1	> 100 m	F	N	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Snow Bunting	1	> 100 m	F	SE	5
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Double-crested Cormorant	2	> 100 m	G	NW	5
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	2	> 100 m	F	NW	3
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Great Black-backed Gull	2	> 100 m	F	NW	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	3	> 100 m	F	NE	2
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Great Black-backed Gull	3	> 100 m	F	SW	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	4	> 100 m	F	SW	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	5	> 100 m	G	NW	6
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	6	> 100 m	F	NE	2
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	7	> 100 m	F	N	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	8	> 100 m	F	W	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	9	> 100 m	F	NW	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	10	> 100 m	F	SW	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	11	> 100 m	G	NW	8
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	12	> 100 m	G	SW	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	13	> 100 m	F	SW	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	14	> 100 m	F	W	1
273	04/03/2012	2012	4	spring	7:08	T1	TSA	C	N	20	-2	Herring Gull	15	> 100 m	F	NW	2
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Herring Gull	1	50 - 100 m	F	W	1
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Great Black-backed Gull	1	> 100 m	G	NW	1
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Herring Gull	2	> 100 m	G	NW	1
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Great Black-backed Gull	2	> 100 m	F	W	1
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Herring Gull	3	> 100 m	F	E	1
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Great Black-backed Gull	3	> 100 m	F	SW	1
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Herring Gull	4	> 100 m	F	N	1
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Great Black-backed Gull	4	> 100 m	F	NW	3
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Herring Gull	5	> 100 m	F	NW	6
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Herring Gull	6	> 100 m	F	N	1
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Herring Gull	7	> 100 m	G	NW	1
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Herring Gull	8	> 100 m	F	W	1
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Herring Gull	9	> 100 m	F	SW	1
274	04/03/2012	2012	4	spring	6:24	T2	TSA	C	N	20	-2	Herring Gull	10	> 100 m	F	NW	3
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Herring Gull	1	> 100 m	F	NE	3
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Great Black-backed Gull	1	> 100 m	G	N	1
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Common Raven	1	50 - 100 m	F	NE	1
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	American Robin	1	0 - 50 m	F	SW	1
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Snow Bunting	1	> 100 m	F	SE	1
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Herring Gull	2	> 100 m	F	N	1
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Great Black-backed Gull	2	> 100 m	G	NE	2
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Snow Bunting	2	> 100 m	F	NE	25
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Herring Gull	3	> 100 m	F	E	1
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Herring Gull	4	> 100 m	G	W	2
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Herring Gull	5	> 100 m	G	NW	1
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Herring Gull	6	> 100 m	F	NE	2
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Herring Gull	7	> 100 m	F	NW	1
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Herring Gull	8	> 100 m	F	N	1

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Herring Gull	9	> 100 m	G	NE	7
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Herring Gull	10	> 100 m	F	N	1
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Herring Gull	11	> 100 m	F	NE	4
275	04/03/2012	2012	4	spring	7:54	T3	TSA	C	N	20	-1	Herring Gull	12	> 100 m	F	SE	1
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Double-crested Cormorant	1	> 100 m	F	W	2
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	1	> 100 m	G	NE	1
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Great Black-backed Gull	1	> 100 m	F	W	1
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Common Raven	1	> 100 m	F	SW	3
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	2	> 100 m	F	N	3
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	3	> 100 m	F	NE	2
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	4	> 100 m	F	W	1
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	5	> 100 m	G	W	1
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	6	> 100 m	F	W	1
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	7	> 100 m	F	NE	2
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	8	> 100 m	G	NE	1
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	9	> 100 m	F	W	1
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	10	> 100 m	F	NE	6
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	11	> 100 m	F	E	1
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	12	> 100 m	G	NW	2
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	13	> 100 m	G	NE	2
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	14	> 100 m	F	E	5
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	15	> 100 m	F	NE	3
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	16	> 100 m	F	W	2
276	04/03/2012	2012	4	spring	8:57	Control	CS	C	N	15	-1	Herring Gull	17	> 100 m	F	SE	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Black Duck	1	50 - 100 m	F	SW	2
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Double-crested Cormorant	1	> 100 m	F	NW	12
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Ring-billed Gull	1	0 - 50 m	F	NW	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	1	0 - 50 m	F	N	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Great Black-backed Gull	1	> 100 m	G	NW	4
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Common Raven	1	> 100 m	G	SW	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Ring-billed Gull	2	50 - 100 m	G	E	6
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	2	50 - 100 m	F	NW	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Great Black-backed Gull	2	> 100 m	G	N	2
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Ring-billed Gull	3	> 100 m	G	N	4
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	3	50 - 100 m	G	NW	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Great Black-backed Gull	3	> 100 m	F	NW	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Ring-billed Gull	4	> 100 m	G	SE	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	4	50 - 100 m	F	NW	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	5	50 - 100 m	F	W	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	6	50 - 100 m	F	SW	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	7	50 - 100 m	G	N	2
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	8	50 - 100 m	F	NW	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	9	> 100 m	G	W	6
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	10	> 100 m	G	NW	5
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	11	> 100 m	F	S	3
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	12	> 100 m	F	NW	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	13	> 100 m	F	E	3
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	14	> 100 m	G	N	3
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	15	> 100 m	F	SW	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	16	> 100 m	F	NE	2
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	17	> 100 m	F	W	2
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	18	> 100 m	F	E	3
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	19	> 100 m	F	SW	1
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	20	> 100 m	F	S	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
277	19/04/2012	2012	4	spring	5:56	T1	TSA	C	NE	20	-2	Herring Gull	21	> 100 m	F	NW	2
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Black Duck	1	50 - 100 m	F	N	3
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Double-crested Cormorant	1	> 100 m	G	NW	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Herring Gull	1	50 - 100 m	F	W	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Great Black-backed Gull	1	50 - 100 m	G	SE	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Black Guillemot	1	> 100 m	G	NW	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Savannah Sparrow	1	> 100 m	G	E	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Black Duck	2	> 100 m	G	NE	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Herring Gull	2	> 100 m	G	NE	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Great Black-backed Gull	2	> 100 m	F	NW	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Savannah Sparrow	2	> 100 m	G	S	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Herring Gull	3	> 100 m	F	N	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Great Black-backed Gull	3	> 100 m	F	W	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Herring Gull	4	> 100 m	G	NE	3
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Herring Gull	5	> 100 m	G	W	2
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Herring Gull	6	> 100 m	F	E	3
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Herring Gull	7	> 100 m	G	NW	9
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Herring Gull	8	> 100 m	F	S	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Herring Gull	9	> 100 m	F	NW	1
278	19/04/2012	2012	4	spring	7:24	T2	TSA	C	NE	20	4	Herring Gull	10	> 100 m	F	SW	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Long-tailed Duck	1	> 100 m	G	N	4
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Double-crested Cormorant	1	> 100 m	G	NW	2
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Ring-billed Gull	1	0 - 50 m	G	N	2
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Herring Gull	1	0 - 50 m	F	NE	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Great Black-backed Gull	1	0 - 50 m	F	E	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Herring Gull	2	50 - 100 m	G	NE	3
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Great Black-backed Gull	2	0 - 50 m	F	NE	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Herring Gull	3	50 - 100 m	G	NE	2
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Great Black-backed Gull	3	50 - 100 m	G	NE	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Herring Gull	4	50 - 100 m	F	E	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Great Black-backed Gull	4	> 100 m	G	S	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Herring Gull	5	50 - 100 m	F	E	4
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Great Black-backed Gull	5	> 100 m	F	NW	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Herring Gull	6	> 100 m	F	SE	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Great Black-backed Gull	6	> 100 m	F	N	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Herring Gull	7	> 100 m	F	SW	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Great Black-backed Gull	7	> 100 m	F	S	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Herring Gull	8	> 100 m	F	E	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Great Black-backed Gull	8	> 100 m	F	SW	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Herring Gull	9	> 100 m	F	N	6
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Great Black-backed Gull	9	> 100 m	F	NW	1
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Herring Gull	10	> 100 m	F	SE	2
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Herring Gull	11	> 100 m	F	N	2
279	19/04/2012	2012	4	spring	6:40	T3	TSA	C	NE	20	3	Herring Gull	12	> 100 m	F	N	1
280	19/04/2012	2012	4	spring	9:49	Control	CS	C	NE	20	6	Canada Goose	1	0 - 50 m	F	N	1
280	19/04/2012	2012	4	spring	9:49	Control	CS	C	NE	20	6	Black Duck	1	> 100 m	G	E	5
280	19/04/2012	2012	4	spring	9:49	Control	CS	C	NE	20	6	Red-breasted Merganser	1	> 100 m	F	N	1
280	19/04/2012	2012	4	spring	9:49	Control	CS	C	NE	20	6	Herring Gull	1	> 100 m	G	NE	1
280	19/04/2012	2012	4	spring	9:49	Control	CS	C	NE	20	6	Great Black-backed Gull	1	> 100 m	F	NE	2
280	19/04/2012	2012	4	spring	9:49	Control	CS	C	NE	20	6	Black Guillemot	1	> 100 m	G	NW	1
280	19/04/2012	2012	4	spring	9:49	Control	CS	C	NE	20	6	Common Raven	1	> 100 m	G	SW	1
280	19/04/2012	2012	4	spring	9:49	Control	CS	C	NE	20	6	Herring Gull	2	> 100 m	F	S	1
280	19/04/2012	2012	4	spring	9:49	Control	CS	C	NE	20	6	Common Raven	2	> 100 m	G	SE	1
280	19/04/2012	2012	4	spring	9:49	Control	CS	C	NE	20	6	Herring Gull	3	> 100 m	F	NE	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
280	19/04/2012	2012	4	spring	9:49	Control	CS	C	NE	20	6	Herring Gull	4	> 100 m	G	E	1
280	19/04/2012	2012	4	spring	9:49	Control	CS	C	NE	20	6	Herring Gull	5	> 100 m	F	S	1
281	25/04/2012	2012	4	spring	5:58	T1	TSA	C	SE	20	6	Ring-billed Gull	1	50 - 100 m	G	E	4
281	25/04/2012	2012	4	spring	5:58	T1	TSA	C	SE	20	6	Herring Gull	1	0 - 50 m	F	W	1
281	25/04/2012	2012	4	spring	5:58	T1	TSA	C	SE	20	6	Ring-billed Gull	2	50 - 100 m	G	NE	2
281	25/04/2012	2012	4	spring	5:58	T1	TSA	C	SE	20	6	Herring Gull	2	0 - 50 m	F	SW*	1
281	25/04/2012	2012	4	spring	5:58	T1	TSA	C	SE	20	6	Herring Gull	3	50 - 100 m	F	NE	1
281	25/04/2012	2012	4	spring	5:58	T1	TSA	C	SE	20	6	Herring Gull	4	50 - 100 m	F	E	1
281	25/04/2012	2012	4	spring	5:58	T1	TSA	C	SE	20	6	Herring Gull	5	50 - 100 m	F	W	1
281	25/04/2012	2012	4	spring	5:58	T1	TSA	C	SE	20	6	Herring Gull	6	> 100 m	F	S	1
281	25/04/2012	2012	4	spring	5:58	T1	TSA	C	SE	20	6	Herring Gull	7	> 100 m	F	W	1
281	25/04/2012	2012	4	spring	5:58	T1	TSA	C	SE	20	6	Herring Gull	8	> 100 m	F	NW	1
282	25/04/2012	2012	4	spring	7:36	T2	TSA	C	SE	20	6	Ring-billed Gull	1	50 - 100 m	G	SW	2
282	25/04/2012	2012	4	spring	7:36	T2	TSA	C	SE	20	6	Herring Gull	1	> 100 m	G	NE	2
282	25/04/2012	2012	4	spring	7:36	T2	TSA	C	SE	20	6	Great Black-backed Gull	1	50 - 100 m	F	NE	1
282	25/04/2012	2012	4	spring	7:36	T2	TSA	C	SE	20	6	Savannah Sparrow	1	> 100 m	G	S	1
282	25/04/2012	2012	4	spring	7:36	T2	TSA	C	SE	20	6	Herring Gull	2	> 100 m	F	N	1
283	25/04/2012	2012	4	spring	6:42	T3	TSA	C	SE	20	6	Ring-billed Gull	1	> 100 m	G	N	1
283	25/04/2012	2012	4	spring	6:42	T3	TSA	C	SE	20	6	Herring Gull	1	0 - 50 m	F	E	1
283	25/04/2012	2012	4	spring	6:42	T3	TSA	C	SE	20	6	Great Black-backed Gull	1	50 - 100 m	G	E	2
283	25/04/2012	2012	4	spring	6:42	T3	TSA	C	SE	20	6	Common Raven	1	50 - 100 m	G	N	1
283	25/04/2012	2012	4	spring	6:42	T3	TSA	C	SE	20	6	Herring Gull	2	50 - 100 m	G	E	8
283	25/04/2012	2012	4	spring	6:42	T3	TSA	C	SE	20	6	Great Black-backed Gull	2	50 - 100 m	F	N	1
283	25/04/2012	2012	4	spring	6:42	T3	TSA	C	SE	20	6	Herring Gull	3	50 - 100 m	F	N	2
283	25/04/2012	2012	4	spring	6:42	T3	TSA	C	SE	20	6	Herring Gull	4	> 100 m	F	NE	1
283	25/04/2012	2012	4	spring	6:42	T3	TSA	C	SE	20	6	Herring Gull	5	> 100 m	F	N	1
283	25/04/2012	2012	4	spring	6:42	T3	TSA	C	SE	20	6	Herring Gull	6	> 100 m	F	NE	2
283	25/04/2012	2012	4	spring	6:42	T3	TSA	C	SE	20	6	Herring Gull	7	> 100 m	F	NE	2
284	25/04/2012	2012	4	spring	9:45	Control	CS	C	SE	20	6	Black Duck	1	> 100 m	F	NW	1
284	25/04/2012	2012	4	spring	9:45	Control	CS	C	SE	20	6	Herring Gull	1	50 - 100 m	F	N	1
284	25/04/2012	2012	4	spring	9:45	Control	CS	C	SE	20	6	Great Black-backed Gull	1	50 - 100 m	F	N	1
284	25/04/2012	2012	4	spring	9:45	Control	CS	C	SE	20	6	Common Raven	1	50 - 100 m	G	W	2
284	25/04/2012	2012	4	spring	9:45	Control	CS	C	SE	20	6	Fox Sparrow	1	> 100 m	G	SE	1
284	25/04/2012	2012	4	spring	9:45	Control	CS	C	SE	20	6	Great Black-backed Gull	2	50 - 100 m	F	NE	2
284	25/04/2012	2012	4	spring	9:45	Control	CS	C	SE	20	6	Great Black-backed Gull	3	> 100 m	G	N	2
284	25/04/2012	2012	4	spring	9:45	Control	CS	C	SE	20	6	Great Black-backed Gull	4	> 100 m	F	NW	2
284	25/04/2012	2012	4	spring	9:45	Control	CS	C	SE	20	6	Great Black-backed Gull	5	> 100 m	F	W	1
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Double-crested Cormorant	1	> 100 m	F	W	2
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Ring-billed Gull	1	50 - 100 m	F	N	1
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	1	50 - 100 m	G	N	1
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Great Black-backed Gull	1	> 100 m	F	E	1
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Common Raven	1	> 100 m	F	E	1
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	2	> 100 m	G	NW	6
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Common Raven	2	> 100 m	F	SW	2
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	3	> 100 m	F	NW	1
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	4	> 100 m	F	N	2
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	5	> 100 m	F	W	3
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	6	> 100 m	F	SW	1
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	7	> 100 m	F	E	2
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	8	> 100 m	F	N	4
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	9	> 100 m	F	N	1
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	10	> 100 m	G	NW	1
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	11	> 100 m	G	W	2
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	12	> 100 m	F	SW	2

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	13	> 100 m	F	E	1
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	14	> 100 m	F	W	2
285	30/04/2012	2012	4	spring	5:37	T1	TSA	C	N	15	0	Herring Gull	15	> 100 m	F	SW	1
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Black Duck	1	> 100 m	F	NE	2
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Double-crested Cormorant	1	> 100 m	F	SW	7
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Herring Gull	1	> 100 m	G	SW	3
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Great Black-backed Gull	1	> 100 m	G	NE	2
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Common Raven	1	> 100 m	F	S	1
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Double-crested Cormorant	2	> 100 m	G	NW	2
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Herring Gull	2	> 100 m	G	NE	1
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Great Black-backed Gull	2	> 100 m	F	SW	1
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Common Raven	2	> 100 m	G	NE	4
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Herring Gull	3	> 100 m	F	N	1
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Herring Gull	4	> 100 m	G	N	2
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Herring Gull	5	> 100 m	G	NW	1
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Herring Gull	6	> 100 m	F	N	2
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Herring Gull	7	> 100 m	F	NW	3
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Herring Gull	8	> 100 m	G	SW	3
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Herring Gull	9	> 100 m	F	SE	2
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Herring Gull	10	> 100 m	F	NW	2
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Herring Gull	11	> 100 m	G	NW	2
286	30/04/2012	2012	4	spring	6:20	T2	TSA	C	N	15	0	Herring Gull	12	> 100 m	G	N	4
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Black Duck	1	50 - 100 m	G	NE	1
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Ring-billed Gull	1	50 - 100 m	G	NE	1
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Herring Gull	1	50 - 100 m	F	SW	1
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Great Black-backed Gull	1	> 100 m	G	NW	1
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Ring-billed Gull	2	> 100 m	F	NW	1
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Herring Gull	2	> 100 m	G	NW	2
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Great Black-backed Gull	2	> 100 m	F	N	1
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Herring Gull	3	> 100 m	F	NE	1
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Herring Gull	4	> 100 m	F	N	1
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Herring Gull	5	> 100 m	G	NW	9
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Herring Gull	6	> 100 m	G	W	4
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Herring Gull	7	> 100 m	F	N	1
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Herring Gull	8	> 100 m	G	NE	1
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Herring Gull	9	> 100 m	F	NW	1
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Herring Gull	10	> 100 m	F	E	4
287	30/04/2012	2012	4	spring	7:04	T3	TSA	C	N	20	2	Herring Gull	11	> 100 m	F	NE	1
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Black Duck	1	> 100 m	G	E	2
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Herring Gull	1	50 - 100 m	G	NE	1
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Great Black-backed Gull	1	> 100 m	G	NW	1
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Black Guillemot	1	> 100 m	G	N	3
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Common Raven	1	50 - 100 m	G	W	1
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Herring Gull	2	> 100 m	G	NE	1
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Great Black-backed Gull	2	> 100 m	F	N	1
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Black Guillemot	2	> 100 m	G	NW	1
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Common Raven	2	> 100 m	G	SW	1
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Herring Gull	3	> 100 m	F	NE	1
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Great Black-backed Gull	3	> 100 m	F	N	1
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Herring Gull	4	> 100 m	G	N	2
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Herring Gull	5	> 100 m	G	N	1
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Herring Gull	6	> 100 m	G	W	2
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Herring Gull	7	> 100 m	F	E	3
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Herring Gull	8	> 100 m	F	W	3

Count ID.	Date	Year	Month	Season	Time (UTC)	Site	Site Type	Fog / Clear	Wind Direction	Wind Speed	Temp (C)	Species	S.ID	Distance	Fly / Ground	Sighting Direction	Count
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Herring Gull	9	> 100 m	G	E	2
288	30/04/2012	2012	4	spring	9:15	Control	CS	C	N	15	6	Herring Gull	10	> 100 m	F	NE	1

APPENDIX C

Monthly Reports

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

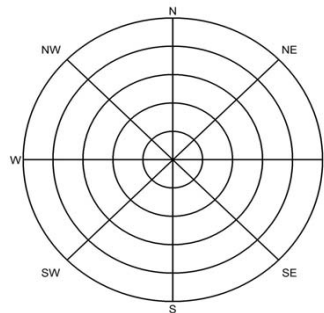
Operational comments:

START COMMENTS:

The monitoring program commenced on May 26, 2010 with a meeting of Deneen Cull from Nalcor, and Bill Montevecchi, Richard Northcott, Gloria Northcott and Bill Scott P. Eng. of Fracflow Consultant's Inc. in Ramea. Richard Northcott will be the primary bird observer with Gloria Northcott as backup. The safety programs were examined and the site safety protocols were reviewed and discussed.

The site operational status on May 26 and 27, 2010 was that construction was completed with the wind turbines in place and operational when required and maintained in the parked position. The ground based components of the project were housed within a chain-link fence enclosure. The facility was not operational on hydrogen or wind power. The three turbine sites as well as the Control Site as recommended by Richard were reviewed. The Control Site was deemed to be very appropriate by Bill Montevecchi and Deneen Cull and was approved by them as the Control site for comparative observations.

When on site, it was decided to modify the recording protocols and carcass search areas at the turbines. Instead of using an 80 m radius area from mid-point between Turbines 1 and 2, we created three 50 m radius areas around each of the three turbines. Markers with flagging tape (Turbine 1 – orange; Turbine 2 – yellow; Turbine 3 – orange) were installed along 10 m, 20 m, 30 m, 40 m and 50 m radius circles around each of the turbines and the center of the control site to facilitate the sighting orientations around and to be walked during carcass searches (see figure below). The table of start locations specifying the start turbine and compass positions were reviewed together with the detailed site record forms.



A small portion (perhaps 15 %) of the circular survey area around Turbine 3 that would normally be included in the carcass search area was located inside the fenced compound of the operations area. It was agreed that the majority of the area could be clearly viewed from outside the compound, thus Richard would not normally search inside the compound and staff were to contact Richard if any bird carcasses were found in the compound.

A formal carcass search was conducted on 26 May. Nineteen carcasses were set out at random sites by Bill Montevecchi and Bill Scott from 9 – 11 PM on 25 May. Carcass searches were made by Richard Northcott on the early morning of 26 May. Richard recovered nine of 16 carcasses for a recovery efficiency of 58 %. Three of the 19 carcasses were removed by predators; two by ravens and a large murre likely by a feral cat. During carcass searches following bird sighting surveys, Richard recovered three old bird remains on June 2. These included a small gull (very old, some wing feathers and dry white bones), leg bone and a foot of a shorebird (very old; yellowlegs or Whimbrel) and a Dovekie (very old, some wing feathers and dry white bones). No other carcass remains were found on any other sighting surveys during June.

Regular weekly observations commenced June 2. The data are field recorded by Richard Northcott and faxed to Fracflow offices by Richard via the Ramea Nalcor site fax. The data record forms are scanned and emailed to Bill Montevecchi for tabulation and analysis. The data flow is smooth with no apparent problems and the observations and recording very thorough.

The local incinerator was noted on the June 23 site record forms as permanently closed with garbage now trucked and ferried off the island.

Report submitted:

To: Deneen Cull, Nalcor
By: Wm Scott, P. Eng. , Wm. Montevecchi; FFC
Date: July 8, 2010

**Fracflow Consultants Inc.
Summary Monthly Report**

**Ramea WHD Bird Monitoring Study
May 2010 to April 2012**

From 07-Jul-10
To 28-Jul-10

Surveys conducted on the following dates:
07-Jul-10, 14-Jul-10, 21-Jul-10, 28-Jul-10

Turbine Site General Conditions

Turbine status Mix of operational but not rotating, undergoing maintenance not rotating and Turbine 2 & 3 rotating blades on July 28th.
Food sources Very few mosquitos & black flies. Bakeapple and crowberries present, community birdfeeders active.
Community activities Fisheries operating: cod, monkfish, lumpfish. Food fishery open July 28th.
Generally 3 to 5 other persons in turbine area during surveys.

Turbine surveys

Earliest start time 5:14 AM
Latest finish time 9:58 AM
Temperatures, C
Min 11 **Max** 18
Wind speed, km/hr
Min 0 **Max** 15

Carcass Search Date	No.	Description of Carcass
07-Jul-10	0	
14-Jul-10	0	
21-Jul-10	0*	*Injured Herring Gull found at T2, but able to fly.
28-Jul-10	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck	31	
Eider Duck	1	
Red-breasted Merganser		
Common Loon	1	
Double-crested Cormorant	18	
Northern Gannet		
Greater Yellowlegs	3	
Spotted Sandpiper	3	
Wilson's Snipe	7	
Ring-billed Gull	4	
Herring Gull	376	
Glaucous Gull		
Great Black-backed Gull	71	
Common Murre		
Black Guillemot	12	
American Crow		
Hawk (unidentified)	1	
Common Raven	36	
American Robin	1	
American Redstart		
Whimbrel	102	
Warbler	1	
Savannah Sparrow	20	
Fox Sparrow		
House Sparrow	1	
Tern	12	
TOTALS - 19 species	701	

Control Site General Conditions

Turbine status N/A
Food sources Very few mosquitos & black flies. Bakeapple and crowberries present, community birdfeeders active.
Community activities Fisheries operating: cod, monkfish, lumpfish. Food fishery open July 28th.
Generally no other persons in area during surveys.

Control surveys

Earliest start time 5:05 AM
Latest finish time 8:49 AM
Temperatures, C
Min 11 **Max** 18
Wind speed, km/hr
Min 0 **Max** 15

Carcass Search Date	No.	Description of Carcass
07-Jul-10	0	
14-Jul-10	0	
21-Jul-10	0	
28-Jul-10	0	

Species Sighted	No.	Sighting Comments
		Thick fog was present at control site on July 7th & 14th.
		July 7th, Wren singing daily.
Eider Duck	4	
Common Loon	4	
Double-crested Cormorant	7	
Greater Yellowlegs	4	
Herring Gull	86	
Great Black-backed Gull	11	
Black Guillemot	9	
Common Raven	5	
Whimbrel	35	
Savannah Sparrow	14	
Tern	2	
TOTALS - 11 species	181	

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

Note the bird species are listed in standardized taxonomic order in the same way that field guides are arranged. Richard Northcott's observations and records continue to be excellent. Thick fog conditions were present at the turbine sites on 7 and 14 July. Even though the total number of birds sighted is reduced under these conditions, it is useful to conduct surveys in these situations because it is likely that the probability of collisions of birds with turbines is greatest at these times. An injured gull that was able to fly was located near Turbine 2 on 21 July, and during foggy conditions on 7 July, a Black Duck flew within 2 m of Turbine 3. Savannah Sparrows have nested successfully near the turbines in the study area, and Black Ducks in the marshy pond near Turbine 3 had 2 – 3 broods that totalled 15 ducklings. The first pulse of fall migration was indicated on 14 and 21 July when flocks of Whimbrels were in the area. Gulls, shorebirds and a robin rested and fed on the ground in the study area. Frogs were also present in the turbine study area. A total of 27 avian species have been recorded on the surveys. New species added during July are Whimbrel, House Sparrow, Unidentified hawk species and unidentified warbler species.

The closure of the incinerator was reported last month as permanent. This was apparently modified to a trial period for the month of July. The incinerator started up again early August 2010.

Richard Northcott will be on vacation from August 21 to October 2, Gloria Northcott will be conducting surveys during his absence and forwarding data to Wm. Scott.

Report submitted:

To: Deneen Cull, Nalcor
By: Wm Scott, P. Eng. , Wm. Montevecchi, Ingrid Lawlor; FFC
Date: August 19, 2010

Fracflow Consultants Inc.
Summary Monthly Report

Ramea WHD Bird Monitoring Study
May 2010 to April 2012

From 04-Aug-10
To 25-Aug-10

Surveys conducted on the following dates:
04-Aug-10, 11-Aug-10, 18-Aug-10, 25-Aug-10

Turbine Site General Conditions

Turbine status Mix of operational but not rotating and no rotating blades. Turbine 2 had rotating blades August 18th and 25th.
Food sources Mosquitos generally. Bakeapple and crowberries present, community birdfeeders active. Incinerator operating and trash being dumped on August 11th.
Community activities Fisheries operating: Food fishery closed August 15th, very little commercial fishing.
Generally 3 to 7 other persons in turbine area during surveys.

Turbine surveys

Earliest start time 5:34 AM
Latest finish time 10:04 AM
Temperatures, C
Min 13 **Max** 23
Wind speed, km/hr
Min 0 **Max** 15

Carcass Search Date	No.	Description of Carcass
04-Aug-10	0	
11-Aug-10	1	Savannah Sparrow in good condition, whole.
18-Aug-10	0	
25-Aug-10	0	

Species Sighted	No.	Sighting Comments
Canada Goose		Very thick fog, visibility less than 1 km - August 4th.
Green-winged Teal	2	New Species
American Black Duck	28	
Eider Duck		
Red-breasted Merganser	1	
Common Loon	1	
Double-crested Cormorant	23	
Northern Gannet		
Greater Yellowlegs	4	
Spotted Sandpiper		
Wilson's Snipe	1	
Ring-billed Gull	12	
Herring Gull	517	
Glaucous Gull		
Great Black-backed Gull	101	
Common Murre		
Black Guillemot	3	
American Crow		
Hawk (unidentified)	1	
Merlin	3	New Species
Common Raven	19	
American Robin	1	
American Redstart		
Whimbrel	36	
Warbler		
Savannah Sparrow	20	
Fox Sparrow		
House Sparrow		
Tern		
TOTALS - 17 species	773	

Control Site General Conditions

Turbine status N/A
Food sources Very few mosquitos. Bakeapple and crowberries present, community birdfeeders active. Incinerator operating and trash being dumped on August 11th.
Community activities Fisheries operating: Food fishery closed August 15th, very little commercial fishing.
Generally no other persons in area during surveys.

Control surveys

Earliest start time 6:49 AM
Latest finish time 9:08 AM
Temperatures, C
Min 16 **Max** 20
Wind speed, km/hr
Min 0 **Max** 10

Carcass Search Date	No.	Description of Carcass
04-Aug-10	0	
11-Aug-10	0	
18-Aug-10	0	
25-Aug-10	0	

Species Sighted	No.	Sighting Comments
Eider Duck	7	
Common Loon	2	
Double-crested Cormorant	8	
Northern Gannet	2	
Black-bellied Plover	1	New Species
Greater Yellowlegs	8	
Herring Gull	171	
Great Black-backed Gull	8	
Black Guillemot	6	
Merlin	1	
Common Raven	11	
American Robin	1	
Whimbrel	5	
Savannah Sparrow	12	
Tern		
TOTALS - 14 species	243	

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

Two, possibly three pairs of Savannah Sparrows nest in study area around the turbines, and one or two pair may nest in the Control Area. A Wilson's Snipe nests in the study area, and three pairs of Black Ducks nested in pond by the dump near Turbine 3. Nesting near turbine sites suggests that the birds may be little disturbed by the turbines, and that this could increase the frequency of collisions with turbine towers. One Savannah Sparrow carcass was found near Turbine 1, and in early July, a Black Duck was noted flying within 2 meters of Turbine 3.

Three new species were recorded during August; they include – Green-winged Teal, Black-bellied Plover and Merlin. A total of 30 species have been recorded during the surveys to date.

Gloria Northcott conducted the field survey on 28 August and will continue to do so for the next few weeks while Richard is on vacation through October 2. Gloria has conducted surveys with Richard and Bill Montevecchi previously, and her observations and record keeping are excellent. She will forward data to Wm. Scott.

The closure of the incinerator was reported last month as permanent. This was apparently modified to a trial period for the month of July. The incinerator started up again August 11, 2010 and operated for the balance of the month.

Report submitted:

To: Deneen Cull, Nalcor
By: Wm Scott, P. Eng., Wm. Montevecchi, Ingrid Lawlor; FFC
Date: September 1, 2010

From 01-Sep-10
To 29-Sep-10

Surveys conducted on the following dates:
01-Sep-10, 08-Sep-10, 14-Sep-10, 22-Sep-10, 29-Sep-10

Turbine Site General Conditions
Turbine status Mix of operational but not rotating and rotating blades. Turbine 2 had rotating blades Sept 8th, 14th, 29th. Turbine 1 rotating blades Sept 14th, 29th. Turbine 3 rotating blades Sept. 22nd, 29th.
Food sources Little to no insects and berries. Community birdfeeders active. Incinerator operating with little smoke Sept 1st, 8th, 14th. No trash dumped.
Community activities Little commercial fishing Sept 1st, No fishing Sept 8,14, 22. Food fishery open Sept 29th.
 Generally 5 to 8 other persons in turbine area during surveys.

Control Site General Conditions
Turbine status N/A
Food sources Little to no insects and berries. Community birdfeeders active. Incinerator operating with little smoke Sept 1st, 8th, 14th. No trash dumped.
Community activities FishLittle commercial fishing Sept 1st, No fishing Sept 8,14, 22. Food fishery open Sept 29th.
 Generally 2-8 people in area during survey.

Turbine surveys
Earliest start time 6:22 AM
Latest finish time 10:16 AM
Temperatures, C
Min 10 **Max** 22
Wind speed, km/hr
Min 2 **Max** 35

Control surveys
Earliest start time 6:15 AM
Latest finish time 10:23 AM
Temperatures, C
Min 12 **Max** 15
Wind speed, km/hr
Min 2 **Max** 35

Carcass Search Date	No.	Description of Carcass
01-Sep-10	0	
08-Sep-10	0	
14-Sep-10	0	
22-Sep-10	0	
29-Sep-10	0	

Carcass Search Date	No.	Description of Carcass
01-Sep-10	0	
08-Sep-10	0	
14-Sep-10	0	
22-Sep-10	0	
29-Sep-10	1	Unidentified, very few bones and feathers.

Species Sighted	No.	Sighting Comments
Canada Goose		Sept. 8 - Hurricane/tropical storm Earl, Sept 22 - Hurricane Igor.
American Black Duck	17	Very thick fog, visibility less than 1 km on Sept. 29.
Green-winged Teal	7	
Common Eider	1	
Red-breasted Merganser		
Common Loon	3	
Double-crested Cormorant	36	
Northern Gannet		
Whimbrel	3	
Greater Yellowlegs	3	
Spotted Sandpiper	14	
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	602	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	104	
Common Murre		
Black Guillemot	1	
American Crow		
Northern Raven	87	
Merlin	2	
Hawk (unidentified)		
American Redstart		
Warbler		
House Sparrow		
Savannah Sparrow	17	
Fox Sparrow		
American Robin		
TOTALS - 14 species	897	

Species Sighted	No.	Sighting Comments
		Sept. 8 - Hurricane/tropical storm Earl, Sept 22 - Hurricane Igor.
		Very thick fog, visibility less than 1 km on Sept. 29.
Common Eider	18	
Common Loon	1	
Double-crested Cormorant	7	
Northern Gannet		
Black-bellied Plover		
Whimbrel	1	
Greater Yellowlegs	2	
Herring Gull	202	
Tern (unidentified)		
Great Black-backed Gull	39	
Black Guillemot		
Northern Raven	1	
Merlin	1	
Bald Eagle	1	New Species
Savannah Sparrow	3	
American Robin		
TOTALS - 11 species	276	

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

During September, extreme wind conditions and their aftermaths were associated with two passing hurricanes: Hurricane Earl during early and Hurricane Igor later in the month. No carcasses were detected during September.

The total number of birds recorded in the turbine area was almost 900, being the second highest monthly total following June. The high counts reflect peak numbers (that include young-of-the-year) of Herring and Great Black-backed Gulls, cormorants and ravens. The nearby incinerator was also operational during September and may have also facilitated attraction for some gulls?

One new species, expected for the area, Bald Eagle was recorded, bringing the total number of species to 31.

Gloria Northcott conducted all field surveys on during September. Richard is scheduled to return from vacation and resume surveys on October 6.



Turbine 1 in the Ramea Wind Farm with wooden stakes in foreground marking some of the distance sectors around the installation that are used in the estimates of observed bird distances from turbines and in carcass searches and experiments. (photo by: W. A. Montevecchi)

END COMMENTS

Report submitted:

To: Deneen Cull, Nalcor
By: Wm Scott, P. Eng. , Wm. Montevecchi, Ingrid Lawlor; FFC
Date: October 8, 2010

**Fracflow Consultants Inc.
Summary Monthly Report**

From 06-Oct-10
To 27-Oct-10

Surveys conducted on the following dates:
06-Oct-10, 13-Oct-10, 19-Oct-10; Richard Northcott, 27-Oct-10; Gloria Northcott

Turbine Site General Conditions

Turbine status Turbine 1 & 2 had rotating blades Oct 6th & 27th. Turbine 3 had rotating blades Oct 6th. All turbines were operational but not rotating Oct. 13th and 19th.
Food sources No insects or berries. Community birdfeeders active. Incinerator operating Oct. 19th and trash being dumped Oct 13th and 19th.
Community activities Little commercial cod fishery Oct. 6th and 13th and then no fisheries. Generally 6 to 10 other persons in turbine area during surveys.

Turbine surveys

Earliest start time 6:55 AM
Latest finish time 11:55 AM
Temperatures, C
Min 3 **Max** 13
Wind speed, km/hr
Min 0 **Max** 6C

Carcass Search Date	No.	Description of Carcass
06-Oct-10	0	
13-Oct-10	0	
19-Oct-10	0	
27-Oct-10	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck	6	
Green-winged Teal	10	
Common Eider		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	24	
Northern Gannet		
Black-bellied Plover	2	
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	1104	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	125	
Dovekie	1	New Species
Common Murre		
Black Guillemot	1	
Mourning Dove	5	New Species
American Crow		
Northern Raven	57	
Merlin		
Hawk (unidentified)		
American Redstart		
Warbler	1	
House Sparrow		
Savannah Sparrow	4	
Fox Sparrow		
American Robin	1	
TOTALS - 13 species	1341	

**Ramea WHD Bird Monitoring Study
May 2010 to April 2012**

Control Site General Conditions

Turbine status N/A
Food sources No insects or berries. Community birdfeeders active. Incinerator operating Oct. 19th and trash being dumped Oct 13th and 19th.
Community activities Little commercial cod fishery Oct. 6th and 13th and then no fisheries. Generally 2-8 people in area during survey.

Control surveys

Earliest start time 7:26 AM
Latest finish time 10:23 AM
Temperatures, C
Min 2 **Max** 13
Wind speed, km/hr
Min 0 **Max** 6C

Carcass Search Date	No.	Description of Carcass
06-Oct-10	0	
13-Oct-10	0	
19-Oct-10	0	
27-Oct-10	0	

Species Sighted	No.	Sighting Comments
Common Eider	10	
White Wing Scoter	2	New Species
Common Loon		
Double-crested Cormorant	7	
Northern Gannet		
Black-bellied Plover		
Whimbrel	1	
Greater Yellowlegs		
Herring Gull	242	
Glaucous Gull	1	
Tern (unidentified)		
Great Black-backed Gull	28	
Black Guillemot	2	
Northern Raven	4	
Horned Lark	16	New Species
Merlin	1	
Bald Eagle		
Savannah Sparrow		
Song Sparrow	1	New Species
American Robin		
TOTALS - 12 species	315	

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

The program was executed smoothly throughout the month. As noted, both Richard Northcott and Gloria Northcott conducted the site surveys. Safety issues were discussed via email regarding safe work practices during the upcoming cold weather months. Email correspondence regarding the recording of the operational hours for each turbine indicated that the actual operation hours of the turbines should be available in December.

The total number of birds recorded in the turbine area was 1341, and was the highest monthly total to date. The high counts reflect fall migratory movements and peak numbers (that include young-of-the-year) of Herring Gulls. The nearby incinerator was also operational during October and may have also facilitated attraction for some gulls.

Also as a reflection of fall, migratory movements five new species were recorded: White-winged Scoter, Dovekie, Mourning Dove, Horned Lark and Song Sparrow. These are expected for the area. The total number of avian species recorded during the study now stands at 36.

Interestingly, though total numbers of birds recorded at the study site were highest during October compared to previous months, no carcasses were detected.

END COMMENTS

Report submitted:

To: Deneen Cull, Nalcor
By: Wm Scott, P. Eng., Wm. Montecchi, Ingrid Lawlor; FFC
Date: November 1, 2010

Fracflow Consultants Inc.
Summary Monthly Report

From 06-Nov-10
To 24-Nov-10

Surveys conducted on the following dates:
 06-Nov-10; Gloria Northcott, 11-Nov-10, 17-Nov-10, 24-Nov-10; Richard Northcott

Turbine Site General Conditions

Turbine status Turbine 1, 2 & 3 had rotating blades Nov. 6th. Turbine 1, 2 & 3 were operational but not rotating Nov 11th and 17th. Turbine 1 & 3 had rotating blades Nov. 24th.
Food sources No insects or berries. Community birdfeeders active. Trash being dumped on November 24th. No incinerator operation.
Community activities Very little to no fishery operation.
 Generally 5 to 6 other persons in turbine area during surveys.

Turbine surveys

Earliest start time 6:45 AM
Latest finish time 11:38 AM
Temperatures, C
Min -2 **Max** 11
Wind speed, km/hr
Min 0 **Max** 3E

Carcass Search Date	No.	Description of Carcass
06-Nov-10	0	
11-Nov-10	0	
17-Nov-10	0	
24-Nov-10	1	Nuthatch, whole, a few days old.

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck	14	
Green-winged Teal		
Common Eider	9	
Red-breasted Merganser	2	
Common Loon		
Double-crested Cormorant	6	
Northern Gannet		
Black-bellied Plover		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	882	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	99	
Dovekie		
Common Murre	3	
Black Guillemot		
Mourning Dove		
American Crow	8	
Northern Raven	51	
Merlin		
Hawk (unidentified)		
American Redstart		
European Starling	17	New Species
Warbler		
House Sparrow		
Savannah Sparrow		
Fox Sparrow		
Snow Bunting	8	New Species
American Robin		
TOTALS - 11 species	1099	

Ramea WHD Bird Monitoring Study
May 2010 to April 2012

Control Site General Conditions

Turbine status N/A
Food sources Little to no insects and berries. Community birdfeeders active. Trash being dumped on November 24th. No incinerator operation.
Community activities Very little to no fishery operation.
 Generally 1-2 people in area during survey.

Control surveys

Earliest start time 8:47 AM
Latest finish time 11:41 AM
Temperatures, C
Min 3 **Max** 10
Wind speed, km/hr
Min 0 **Max** 2E

Carcass Search Date	No.	Description of Carcass
06-Nov-10	0	
11-Nov-10	0	
17-Nov-10	0	
24-Nov-10	0	

Species Sighted	No.	Sighting Comments
Old-squaw Duck	3	New Species
Common Eider	36	
White Wing Scoter		
Common Loon		
Double-crested Cormorant		
Northern Gannet		
Black-bellied Plover		
Whimbrel		
Greater Yellowlegs		
Herring Gull	126	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	26	
Black Guillemot	5	
Northern Raven		
Horned Lark		
Merlin		
Bald Eagle		
Savannah Sparrow	4	
Song Sparrow		
American Robin		
TOTALS - 6 species	200	

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

The survey program was initially planned to reduce to a single survey per month commencing in November. However, there were high bird counts throughout October, which had the highest incidence of bird activity of any month to date (Figure 1). On this basis, it was recommended and agreed to continue the weekly counts to at least the end of November.

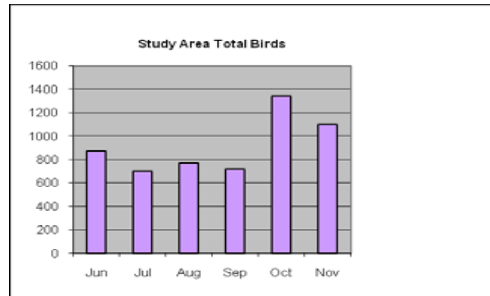


Figure 1. Monthly total counts of birds in the wind turbine study site at Ramea during 2010. Note five weekly surveys were completed in June and September compared to four in all other months, so for comparative purposes 80 % of the June and September totals were plotted in Figures 1 and 2.

The high bird counts during autumn are driven in large part by a movement of Herring Gulls to the southwest coast of Newfoundland (Figure 2). Weekly counts indicated that the high numbers of birds at the study site had decreased to few than 100 birds during the surveys of 17 and 24 November. It is worth noting that as Richard Northcott observed on 24 November a few boats were fishing for mackerel within a few miles of Ramea, and attraction of gulls to the vessels could have contributed to the low numbers of gulls near the turbine study site.

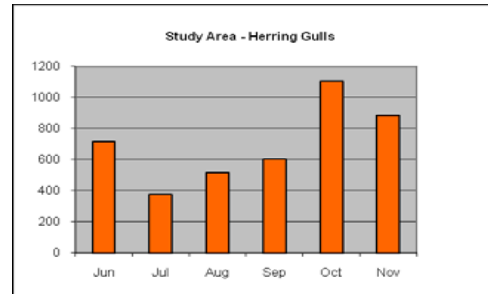


Figure 2. Monthly total counts of Herring Gulls in the wind turbine study site at Ramea during 2010

Interestingly, though October and November were the peaks months for bird occurrences in the study site area, no carcasses were detected during October and only a single nuthatch was found during November. A European Starling was perched on a turbine during the 24 November survey.

During November, three new species were recorded: Long-tailed Duck (in control area), European Starling and Snow Bunting. The total number of species recorded to date now stands at 39.

Report submitted:

To: Deneen Cull, Nalcor
By: Wm Scott, P. Eng., Wm. Montevecchi, Ingrid Lawlor, FFC
Date: December 6, 2010

Fracflow Consultants Inc.
Summary Monthly Report

From 17-Dec-10
To 17-Dec-10

Surveys conducted on the following dates:
 17-Dec-10; Richard Northcott

Turbine Site General Conditions

Turbine status Turbine 2 & 3 had rotating blades.
Food sources No insects or berries. Community birdfeeders active. No trash being dumped or incinerator being operated.
Community activities No fishery. Approximately 8 other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 7:35 AM
Latest finish time 9:46 AM
Temperatures, C
Min 5 **Max** 5
Wind speed, km/hr
Min 20 **Max** 20

Carcass Search Date	No.	Description of Carcass
07-Dec-10	0	

Species Sighted	No.	Sighting Comments
Canada Goose		Prior week, strong gale force winds, SE, little rain.
American Black Duck	9	Very little bird activity around turbines, most seen along shoreline.
Long-tailed Duck	2	
Green-winged Teal		
Common Eider		
Red-breasted Merganser	1	
Common Loon		
Double-crested Cormorant	2	
Northern Gannet		
Black-bellied Plover		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	27	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	5	
Dovekie	4	
Common Murre		
Black Guillemot	8	
Mourning Dove		
American Crow	9	
Northern Raven	7	
Merlin		
Hawk (unidentified)		
American Redstart		
European Starling		
Warbler		
House Sparrow		
Savannah Sparrow		
Fox Sparrow		
Snow Bunting		
American Robin		
TOTALS - 10 species	74	

Ramea WHD Bird Monitoring Study
May 2010 to April 2012

Control Site General Conditions

Turbine status N/A
Food sources No insects or berries. Community birdfeeders active. No trash being dumped or incinerator being operated.
Community activities No fishery. 2 other individuals in area during survey.

Control surveys

Earliest start time 11:29 AM
Latest finish time 12:13 PM
Temperatures, C
Min 5 **Max** 5
Wind speed, km/hr
Min 20 **Max** 20

Carcass Search Date	No.	Description of Carcass
07-Dec-10	0	

Species Sighted	No.	Sighting Comments
		Prior week, strong gale force winds, SE, little rain.
		Very little bird activity around turbines, most seen along shoreline.
Long-tailed Duck	2	
Common Eider		
White Wing Scoter		
Common Loon		
Double-crested Cormorant	1	
Northern Gannet		
Black-bellied Plover		
Whimbrel		
Greater Yellowlegs		
Herring Gull	75	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	8	
Dovekie	4	
Black Guillemot	2	
Northern Raven		
Horned Lark		
Merlin		
Bald Eagle		
Savannah Sparrow		
Song Sparrow		
American Robin		
TOTALS - 6 species	92	

Species reference web sites

http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

As per the original monitoring plan the monitoring program was reduced to 1 survey for the month of December. One survey per month will be continued for Jan Feb , March. There were no operational issues arising during the month.

Nine species, including 166 birds, were recorded. With the exception of 8 crows and 9 American Black Ducks, no birds were recorded within 100 m of the turbines. There no indications of collisions during the survey.

END COMMENTS

Report submitted:

To: Deneen Cull, Nalcor
By: Wm Scott, P. Eng., Wm. Montevecchi, Ingrid Lawlor; FFC
Date: Jan. 2011

Fracflow Consultants Inc.
Summary Monthly Report

From 15-Jan-11
To 15-Jan-11

Surveys conducted on the following dates:
 15-Jan-11; Richard Northcott

Turbine Site General Conditions

Turbine status Turbine 3 operating most of the time, Turbine 1 & 2 operating little or not at all, repairs to Turbine 1 January 14 and now working. Turbine 2 is not working.
Food sources No insects or berries. Community birdfeeders active. No trash being dumped or incinerator being operated.
Community activities No fishery.
 Approximately 12 other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 8:55 AM
Latest finish time 11:12 AM
Temperatures, C
Min 0 **Max** 0
Wind speed, km/hr
Min 10 **Max** 10

Carcass Search Date	No.	Description of Carcass
15-Jan-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Green-winged Teal		
Common Eider	3	
Harlequin Duck	2	New Species
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	16	
Northern Gannet		
Black-bellied Plover		
Killdeer	7	New Species
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	35	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	2	
Dovekie		
Common Murre		
Black Guillemot	6	
Mourning Dove		
American Crow	4	
Northern Raven	6	
Merlin		
Hawk (unidentified)		
American Redstart		
European Starling		
Warbler		
House Sparrow		
Savannah Sparrow		
Fox Sparrow		
Snow Bunting		
American Robin		
TOTALS - 9 species	81	

Ramea WHD Bird Monitoring Study
May 2010 to April 2012

Control Site General Conditions

Turbine status N/A
Food sources No insects or berries. Community birdfeeders active. No trash being dumped or incinerator being operated.
Community activities No fishery.
 2 other individuals in area during survey.

Control surveys

Earliest start time 7:30 AM
Latest finish time 8:13 AM
Temperatures, C
Min 0 **Max** 0
Wind speed, km/hr
Min 10 **Max** 10

Carcass Search Date	No.	Description of Carcass
15-Jan-11	0	

Species Sighted	No.	Sighting Comments
Long-tailed Duck		
Common Eider	3	
White Wing Scoter		
Common Loon		
Double-crested Cormorant		
Northern Gannet		
Black-bellied Plover		
Whimbrel		
Greater Yellowlegs		
Herring Gull	1	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull		
Dovekie	1	
Black Guillemot		
Northern Raven	1	
Horned Lark		
Merlin		
Bald Eagle		
Savannah Sparrow		
Song Sparrow		
American Robin		
TOTALS - 4 species	6	

Species reference web sites

http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

There were no operational issues arising during the month.

As in the December count, low numbers of birds were recorded in the study area and the Control Area. Only 2 Great Black-backed Gull and 37 Herring Gulls were recorded. Two new species were recorded - Harlequin Duck and Killdeer. The Harlequin Duck is a listed species by COSEWIC and by Newfoundland and Labrador; 2 were observed on the water off the northwest side of the island. Apparently, driven northward by winter storms in New England, there was a significant "fallout" of Killdeer over eastern and southern Newfoundland. Seven Killdeer were observed in the study area. These two new species bring the total number of species recorded to 41.

Analyses of weekly counts of the most abundant species in the study area and Control Site (Figure A) show the high counts of birds in autumn and low numbers in late November, December and January. They also indicate that most bird numbers are the result of occurrences of Herring Gulls.

There were no bird carcasses found during the January survey. A carcass study will be conducted in February and is presently planned for the week of 14 February.

END COMMENTS

Report submitted:

To: Deneen Cull, Nalcor

By: Wm Scott, P. Eng., Wm. Montevecchi, Ingrid Lawlor, FFC

Date: Jan. 2011

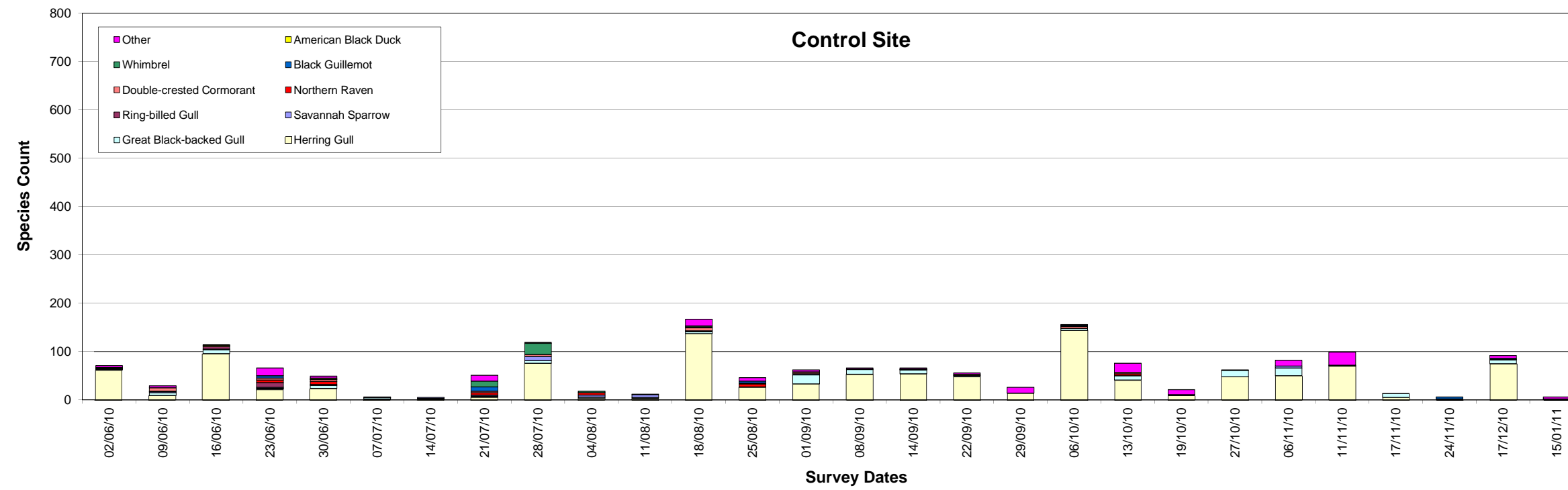
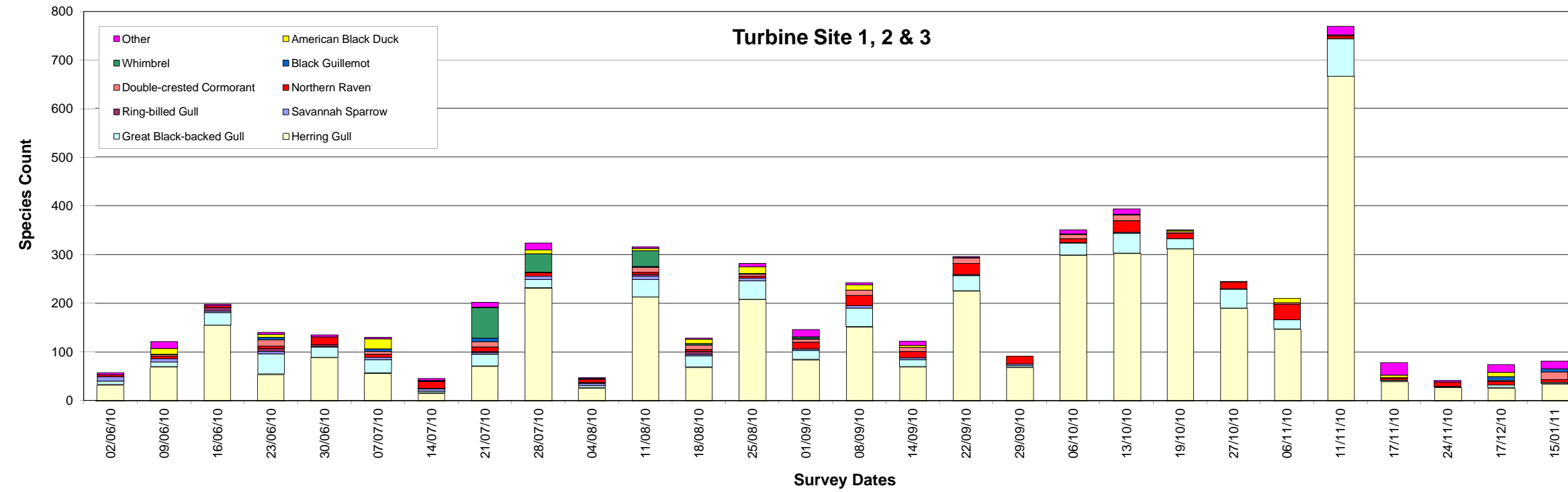


Figure A - Weekly histograms for Turbine Study Area and Control Site.

Fracflow Consultants Inc.
Summary Monthly Report

From 18-Feb-11
To 18-Feb-11

Surveys conducted on the following dates:
 18-Feb-11; Richard Northcott

Turbine Site General Conditions

Turbine status Turbine 1 & 2 had rotating blades.
Food sources No insects or berries. Community birdfeeders active. No trash being dumped or incinerator being operated.
Community activities No fishery.
 Approximately 12 other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 6:55 AM
Latest finish time 10:51 AM
Temperatures, C
Min -4 **Max** 0
Wind speed, km/hr
Min 25 **Max** 35

Carcass Search Date	No.	Description of Carcass
18-Feb-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Green-winged Teal		
Common Eider		
Harlequin Duck		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant		
Northern Gannet		
Black-bellied Plover		
Killdeer		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	48	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull		
Dovekie		
Common Murre		
Black Guillemot		
Mourning Dove		
American Crow	7	
Northern Raven	4	
Merlin		
Hawk (unidentified)		
American Redstart		
European Starling		
Warbler		
House Sparrow		
Savannah Sparrow		
Fox Sparrow		
Snow Bunting		
American Robin		
TOTALS - 3 species	59	

Ramea WHD Bird Monitoring Study
May 2010 to April 2012

Control Site General Conditions

Turbine status N/A
Food sources No insects or berries. Community birdfeeders active. No trash being dumped or incinerator being operated.
Community activities No fishery.
 1 other individual in area during survey.

Control surveys

Earliest start time 8:02 AM
Latest finish time 8:48 AM
Temperatures, C
Min -2 **Max** -2
Wind speed, km/hr
Min 30 **Max** 30

Carcass Search Date	No.	Description of Carcass
18-Feb-11	0	

Species Sighted	No.	Sighting Comments
Long-tailed Duck		
Common Eider		
White Wing Scoter		
Common Loon		
Double-crested Cormorant		
Northern Gannet		
Black-bellied Plover		
Whimbrel		
Greater Yellowlegs		
Purple Sandpiper	1	New Species
Herring Gull	4	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	1	
Dovekie		
Black Guillemot	1	
Northern Raven	4	
Horned Lark		
Merlin		
Bald Eagle		
Savannah Sparrow		
Song Sparrow		
Snow Bunting	5	New Species
American Robin		
TOTALS - 4 species	16	

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

The general area was hard hit by winter weather during the month, and the survey was delayed slightly owing to weather issues. Various safety issues regarding the work such as potential ice fall and throw from the towers and turbines, wind chill, frost bite and slips trips and falls, and emergency communications and notification were discussed prior to the survey being undertaken.

As in the December and January counts, the avian species diversity and total number of birds remained low. A total of 59 birds, representing three species were recorded in the study area; in decreasing order of abundance they are: Herring Gull, American Crow, Northern Raven. Only four ravens were observed within 100 m of a turbine. Sixteen birds were recorded in the study area species, representing six species: five Snow Buntings, four Herring Gulls, four Northern Ravens and a single Purple Sandpiper, Great Black-backed Gull and Black Guillemot. The Purple Sandpiper is a new species recorded in the study, bringing the species total to 42 species. No carcasses were detected in the turbine study area or in the control area.

Analyses of weekly counts of the most abundant species in the study area and control site (Figure A) show low numbers of birds from mid-November through December, January and February. The Histograms also indicate that most bird numbers are driven by occurrences of Herring Gulls.

There were no bird carcasses found during the January survey. A carcass study will be conducted during the week of March 6, 2011.

END COMMENTS

Report submitted:

To: Deneen Cull, Nalcor
By: Wm Scott, P. Eng., Wm. Montevecchi, Ingrid Lawlor; FFC
Date: Feb. 2011

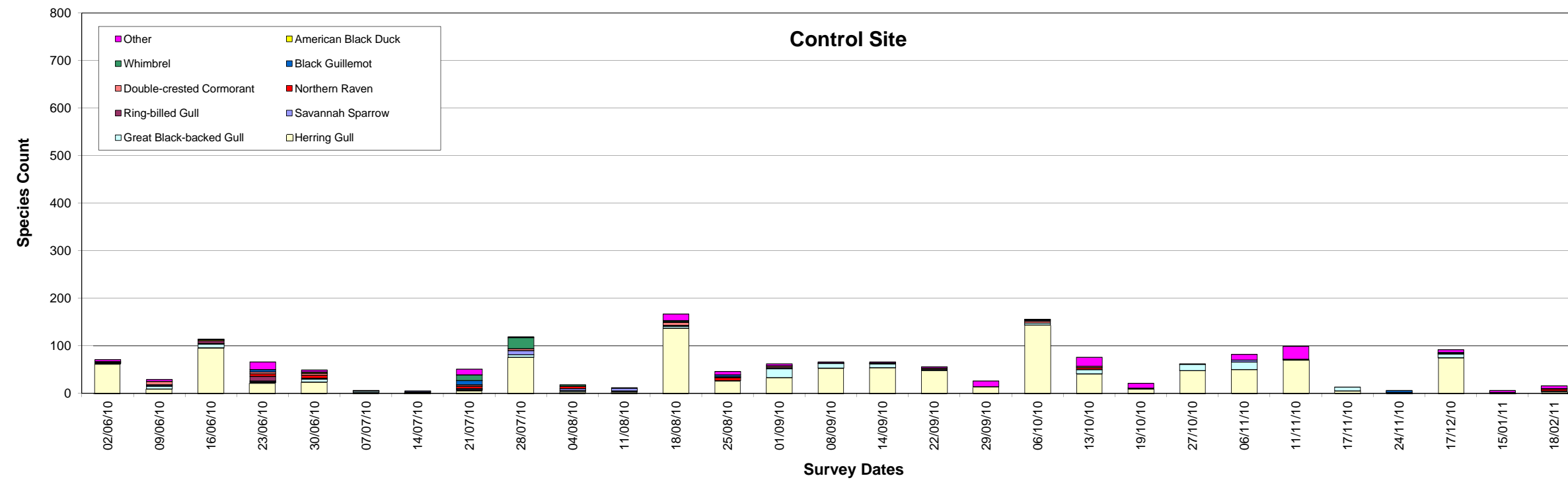
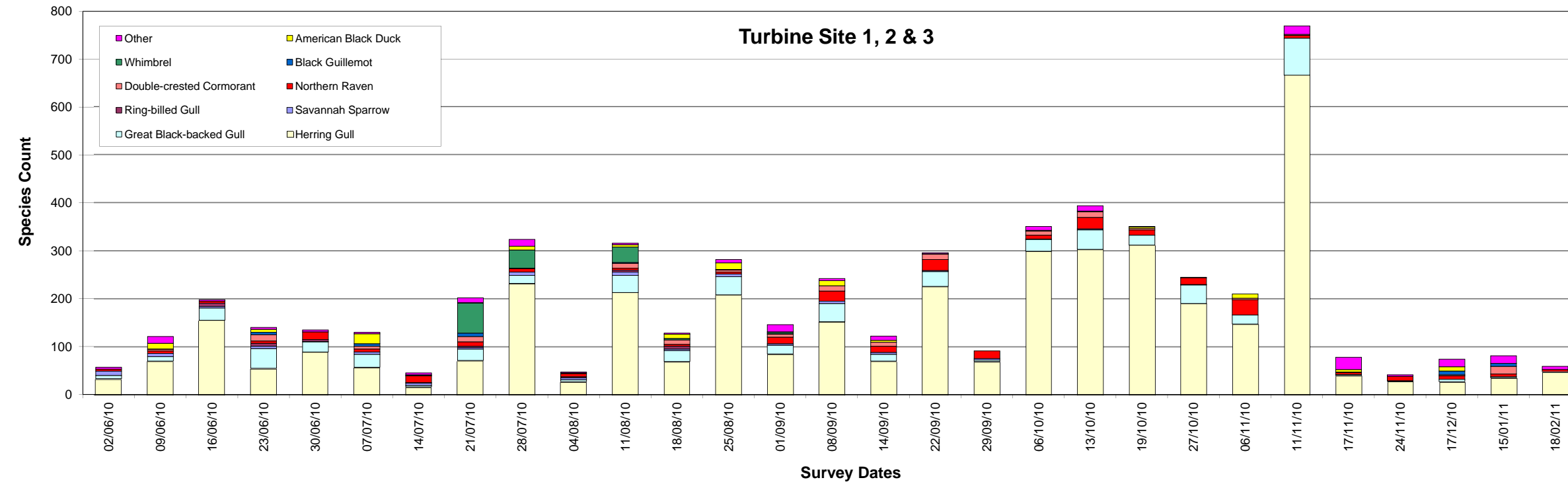


Figure A - Weekly histograms for Turbine Study Area and Control Site.

Fracflow Consultants Inc.
Summary Monthly Report

From 16-Mar-11
To 16-Mar-11

Surveys conducted on the following dates:
 16-Mar-11; Richard Northcott

Turbine Site General Conditions

Turbine status Turbine 1, 2 & 3 had rotating blades.
Food sources No insects or berries. Community birdfeeders active. Trash being dumped and incinerator operational.
Community activities No fishery.
 Nine (9) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 6:56 AM
Latest finish time 10:58 AM
Temperatures, C
Min -1 **Max** 2
Wind speed, km/hr
Min 25 **Max** 25

Carcass Search Date	No.	Description of Carcass
16-Mar-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Green-winged Teal		
Common Eider		
Harlequin Duck		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	9	
Northern Gannet		
Black-bellied Plover		
Killdeer		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	59	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	5	
Dovekie		
Common Murre		
Black Guillemot		
Mourning Dove		
American Crow		
Northern Raven	10	
Merlin		
Hawk (unidentified)		
American Redstart		
European Starling		
Warbler		
House Sparrow		
Savannah Sparrow		
Fox Sparrow		
Snow Bunting		
American Robin		
TOTALS - 4 species	83	

Ramea WHD Bird Monitoring Study
May 2010 to April 2012

Control Site General Conditions

Turbine status N/A
Food sources No insects or berries. Community birdfeeders active. Trash being dumped and incinerator operational.
Community activities No fishery.
 Six (6) other individuals in area during survey.

Control surveys

Earliest start time 8:53 AM
Latest finish time 9:36 AM
Temperatures, C
Min 1 **Max** 1
Wind speed, km/hr
Min 25 **Max** 25

Carcass Search Date	No.	Description of Carcass
16-Mar-11	0	

Species Sighted	No.	Sighting Comments
Long-tailed Duck		
Common Eider		
White Wing Scoter		
Common Loon		
Double-crested Cormorant	1	
Northern Gannet		
Black-bellied Plover		
Whimbrel		
Greater Yellowlegs		
Purple Sandpiper	64	
Herring Gull	10	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	4	
Dovekie		
Black Guillemot		
Northern Raven		
Horned Lark		
Merlin		
Bald Eagle		
Savannah Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 4 species	79	

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.htm
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

The general area was in the midst of winter weather during the month of March, and the survey was delayed slightly owing to weather issues. On March 8, 2011, Dr. Montevecchi and Richard Northcott conducted a carcass experiment during winter weather conditions. The results of that exercise are reported to Nalcor separately. Various safety issues regarding the work such as potential ice fall and throw from the towers and turbines, wind chill, frost bite and slips, trips and falls, and emergency communications and notification were discussed prior to the survey being undertaken.

Since November, March is the fifth consecutive month having fewer than 100 birds counted at the turbine sites. Birds were again dominated by Herring Gulls, though Great Black-backed Gulls, Double-crested Cormorants and Northern Ravens were also recorded. No birds were observed within 50 meters of a turbine. Histograms of the weekly avian diversity and totals in the turbine study area and in the control site are shown on Figure A. No carcasses were detected in the turbine study area or in the control area.

On the basis of past knowledge and experience, it is anticipated that the level of bird activity will begin to increase as spring migrants move back into and through the area.

Report submitted:

To: Deneen Cull, Nalcor
By: Wm Scott, P. Eng., Wm. Montevecchi, Ingrid Lawlor; FFC
Date: Mar. 2011

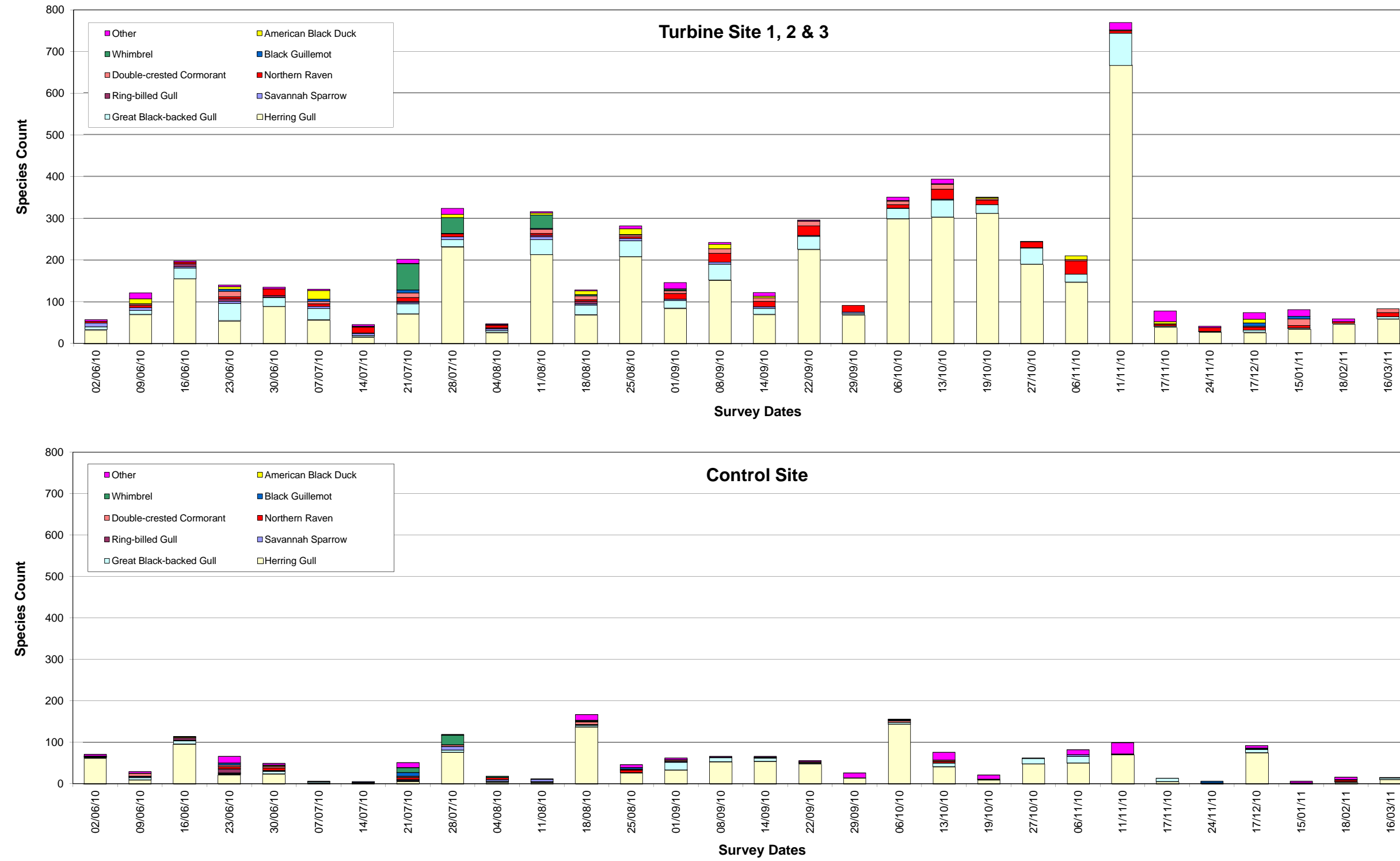


Figure A - Weekly histograms for Turbine Study Area and Control Site.

Fracflow Consultants Inc.
Summary Monthly Report

From 07-Apr-11
To 27-Apr-11

Surveys conducted on the following dates:
 07-Apr-11; 13-Apr-11, 22-Apr-11, 27-Apr-11; Richard Northcott

Turbine Site General Conditions

Turbine status Turbine 1, 2 & 3 had rotating blades on April 7th and April 27th. Turbine 1 & 2 had rotating blades on April 13th and 21st.
Food sources No insects or berries. Community birdfeeders active. No trash being dumped and incinerator not operational.
Community activities No fishery first three weeks of April. Lobster fishery April 27th. Approximately six (6) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 5:45 AM
Latest finish time 10:24 AM
Temperatures, C
Min 0 **Max** 4
Wind speed, km/hr
Min 1 **Max** 25

Carcass Search Date	No.	Description of Carcass
07-Apr-11	0	
13-Apr-11	0	
22-Apr-11	0	
27-Apr-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose	4	
American Black Duck	14	
Long-tailed Duck		
Green-winged Teal	2	
Common Eider	5	
Harlequin Duck		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	23	
Northern Gannet		
Black-bellied Plover		
Kildeer		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Purple Sandpiper	30	New Species
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	432	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	52	
Dovekie		
Common Murre		
Black Guillemot		
Mourning Dove		
American Crow		
Northern Raven	15	
Merlin	2	
Bald Eagle	4	New species, 1 mature and 1 immature bald eagle on April 13th. Bald eagles on April 27th flew directly over Turbine 3.
Hawk (unidentified)		
American Redstart		
European Starling		
Warbler		
House Sparrow		
Savannah Sparrow		
Fox Sparrow		
Song Sparrow	1	New species
Snow Bunting	5	
American Robin	2	
TOTALS - 14 species	591	

Ramea WHD Bird Monitoring Study
May 2010 to April 2012

Control Site General Conditions

Turbine status N/A
Food sources No insects or berries. Community birdfeeders active. No trash being dumped and incinerator not operational.
Community activities No fishery first three weeks of April. Lobster fishery April 27th. Approximately, four (4) other individuals in area during survey.

Control surveys

Earliest start time 5:55 AM
Latest finish time 9:18 AM
Temperatures, C
Min 0 **Max** 1
Wind speed, km/hr
Min 15 **Max** 20

Carcass Search Date	No.	Description of Carcass
07-Apr-11	0	
13-Apr-11	0	
22-Apr-11	0	
27-Apr-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose	2	New Species
American Black Duck	2	New Species
Long-tailed Duck		
Common Eider		
White Wing Scoter		
Red-breasted Merganser	2	New Species
Common Loon		
Double-crested Cormorant	1	
Northern Gannet		
Black-bellied Plover		
Whimbrel		
Greater Yellowlegs		
Purple Sandpiper	47	
Herring Gull	119	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	15	
Dovekie		
Black Guillemot		
American Crow	1	New Species
Northern Raven	8	
Horned Lark	4	
Merlin		
Bald Eagle		
Savannah Sparrow		
Song Sparrow	1	
Snow Bunting	4	
American Robin		
TOTALS - 12 species	206	

Species reference web sites

http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html

<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

The weekly survey program was re-initiated during April. The surveys ran smoothly during the month with no significant operational issues.

As anticipated and as can be seen in the histograms on Figure A, the highest numbers of birds were recorded since the mid-November 2011 survey. The increase in numbers of birds are driven primarily by Herring Gulls moving back into the area to nest on the nearby islands. Other notable species indicative of spring migratory movements include, American Black Ducks, Green-wing Teal, Canada Geese, Horned Lark, American Robin and Song Sparrows. The Black Ducks and Teal were in the sedge pond northeast of Turbine 3, where the Black Ducks nested in 2010. Some late departing Snow Buntings that breed in northern Labrador and the Canadian Arctic were observed throughout April.

Two Bald Eagles (an adult and an immature) were observed within 100 meters of Turbine 1 on the 13 April survey, and on the 27 April – two Bald Eagles flew directly over Turbine 3 that was operating at the time. A Merlin was also observed on 27 April.

No carcasses were detected during the post-survey searches during April.

END COMMENTS

Report submitted:

To: Deneen Cull, Nalcor

By: Wm Scott, P. Eng., Wm. Montevecchi, Ingrid Lawlor, FFC

Date: Apr. 2011

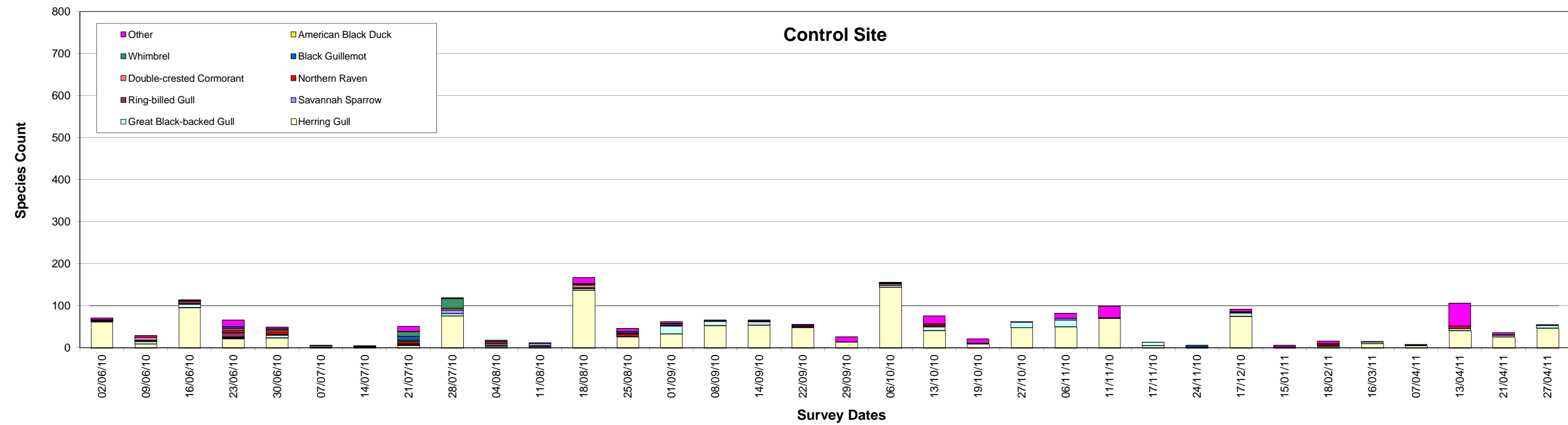
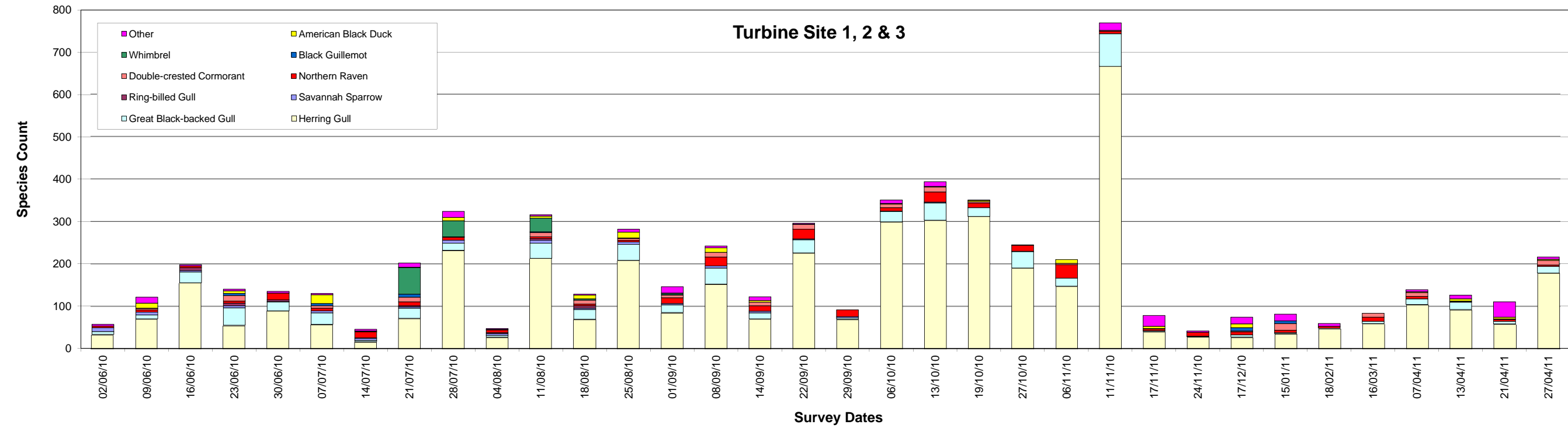


Figure A - Weekly histograms for Turbine Study Area and Control Site.

Fracflow Consultants Inc.
Summary Monthly Report

From 04-May-11
To 26-May-11

Surveys conducted on the following dates:

04-May-11; 11-May-11; Richard Northcott 18-May-11, 26-May-11; Gloria Northcott

Turbine Site General Conditions

Turbine status Turbine 1, 2 & 3 had rotating blades on May 4th, 11th and 18th. Turbine 1 had rotating blades on May 26th.
Food sources No insects or berries. Community birdfeeders active. Trash was being dumped on May 4th and 11th and incinerator was operational May 11th.
Community activities Fisheries during May ranged from Lobster, Lumpfish, Halibut and Crab. Approximately seven (7) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 5:30 AM
Latest finish time 9:28 AM
Temperatures, C
Min 3 **Max** 10
Wind speed, km/hr
Min 5 **Max** 30

Carcass Search Date	No.	Description of Carcass
04-May-11	1	Several feathers & two wing tips, all black - likely Grackle, freshly killed
11-May-11	0	
18-May-11	0	
26-May-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck	1	
Long-tailed Duck		
Green-winged Teal		
Common Eider	36	
Harlequin Duck		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	12	
Northern Gannet		
Black-bellied Plover		
Killdeer		
Whimbrel		
Greater Yellowlegs	2	
Spotted Sandpiper		
Purple Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	365	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	53	
Dovekie		
Common Murre		
Black Guillemot	2	
Mourning Dove		
American Crow		
Northern Raven	19	
Merlin	2	
Bald Eagle		
Hawk (unidentified)		
American Kestrel	1	New Species
American Redstart		
European Starling		
Warbler		
House Sparrow		
Savannah Sparrow	9	
Fox Sparrow		
Song Sparrow	1	
Snow Bunting		
American Robin		
TOTALS - 12 species	503	

Ramea WHD Bird Monitoring Study
May 2010 to April 2012

Control Site General Conditions

Turbine status N/A
Food sources No insects or berries. Community birdfeeders active. Trash was being dumped on May 4th and 11th and incinerator was operational May 11th.
Community activities Fisheries during May ranged from Lobster, Lumpfish, Halibut and Crab. Approximately, one (1) other individual in area during survey.

Control surveys

Earliest start time 5:10 AM
Latest finish time 8:04 AM
Temperatures, C
Min 3 **Max** 7
Wind speed, km/hr
Min 0 **Max** 30

Carcass Search Date	No.	Description of Carcass
04-May-11	0	
11-May-11	0	A Sora was found dead around May 1st (not by a Turbine).
18-May-11	0	
26-May-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		Very foggy, visibility less than 1 km on May 18th
American Black Duck		Very foggy, visibility less than 1 km on May 26th
Long-tailed Duck		
Common Eider		
White Wing Scoter		
Red-breasted Merganser		
Common Loon	3	
Double-crested Cormorant		
Northern Gannet		
Black-bellied Plover		
Whimbrel		
Greater Yellowlegs	1	
Purple Sandpiper		
Herring Gull	72	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	8	
Dovekie		
Black Guillemot		
American Crow		
Northern Raven	4	
Horned Lark		
Merlin		
Bald Eagle		
Savannah Sparrow	4	
Fox Sparrow	1	New Species
Song Sparrow	1	
Snow Bunting		
American Robin		
TOTALS - 8 species	94	

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

The weekly surveys continued during the month without operational issues.

Breeding species have returned to the region. For example, Savannah Sparrows are back in the turbine study area and likely nesting again. Other breeding species besides the gulls that have returned include Black Duck, Greater Yellowlegs, Fox Sparrow, Song Sparrow.

The remains (two wing tips, feathers) of a freshly killed bird (apparent Grackle) were picked up by Turbine 3 on the survey on 4 May.

Three falcons were observed during the surveys: on 11 May a Merlin and an American Kestrel (within 100 m of Turbine 1), and on 26 May a Merlin was recorded within 100 m of Turbine 1. The Kestrel provided a new species record for the study, bringing the total number of species recorded on the surveys to 44.

Herring Gulls, Great Black-backed Gulls, Black Ducks and sparrows were observed within 50 m of turbines.

Few Ravens were observed during surveys.

Richard Northcott was away on vacation for the May 26 survey and this survey was completed by the alternate observer Gloria Northcott.

Report submitted:

To: Deneen Cull, Nalcor
By: John Gale, P. Eng. , Wm. Montevocchi, Ingrid Lawlor; FFC
Date: June 7, 2011

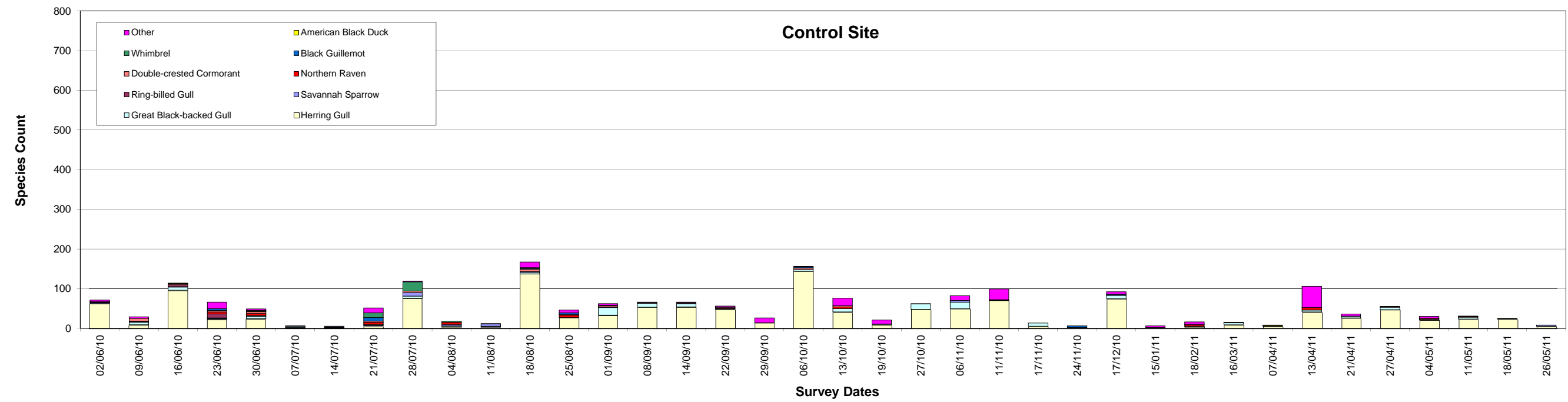
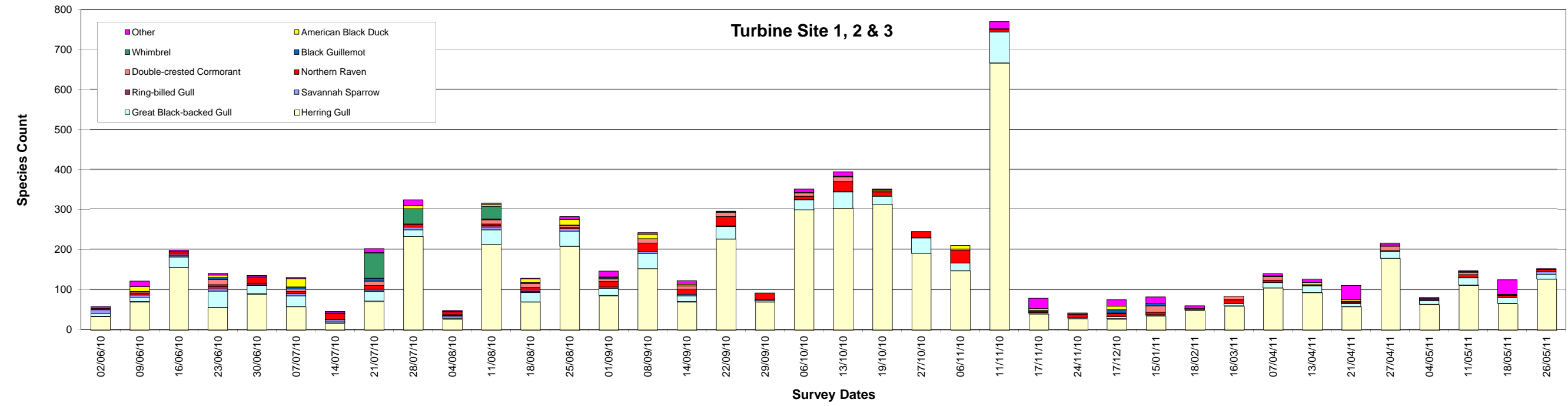


Figure A - Weekly histograms for Turbine Study Area and Control Site.

**Fracflow Consultants Inc.
Summary Monthly Report**

**Ramea WHD Bird Monitoring Study
May 2010 to April 2012**

From 01-Jun-11
To 29-Jun-11

Surveys conducted on the following dates:
01-Jun-11, 08-Jun-11, 17-Jun-11, 22-Jun-11, 29-Jun-11; Gloria Northcott

Turbine Site General Conditions

Turbine status June 1 - No rotating blades, June 8 - Rotating blades on Turbine 1, 2, 3, June 17 - Turbine 2 & 3 operational but not rotating and Turbine 1 undergoing maintenance, June 22 - Rotating blades on Turbine 1 & 2, June 29th - Turbines operational but not rotating.

Food sources Mosquitos and a few spiders. No berries. Community birdfeeders active. Trash was being dumped on June 1st, 8th and 17th and incinerator was operational June 1st, 17th, and 29th.

Community activities Fisheries during the month of June ranged from Lobster, Halibut, Lumpfish, and Cod. Approximately seven (7) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 4:55 AM
Latest finish time 10:00 AM
Temperatures, C
Min 3 **Max** 13
Wind speed, km/hr
Min 0 **Max** 2E

Carcass Search Date	No.	Description of Carcass
01-Jun-11	0	
08-Jun-11	0	
17-Jun-11	1	Savannah Sparrow, whole, found at Turbine 1 within 50 m.
22-Jun-11	0	
29-Jun-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck	13	12 ducklings on ground near Turbine 3 on June 29th.
Long-tailed Duck		
Green-winged Teal		
Common Eider	6	
Harlequin Duck		
Red-breasted Merganser		
Common Loon	1	
Double-crested Cormorant	10	
Northern Gannet		
Black-bellied Plover		
Kildeer		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Purple Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	584	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	53	
Dovekie		
Common Murre		
Black Guillemot	11	
Mourning Dove		
American Crow		
Northern Raven	39	
Merlin		
Bald Eagle		
Hawk (unidentified)		
American Kestrel		
American Redstart		
European Starling		
Warbler		
House Sparrow		
Savannah Sparrow	16	
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 9 species	733	

Control Site General Conditions

Turbine status N/A

Food sources Mosquitos. No berries. Community birdfeeders active. Trash was being dumped on June 1st, 8th and 17th and incinerator was operational June 1st, 17th, and 29th.

Community activities Fisheries during the month of June ranged from Lobster, Halibut, Lumpfish, and Cod. Approximately, one (1) other individual in area during survey.

Control surveys

Earliest start time 4:56 AM
Latest finish time 7:36 AM
Temperatures, C
Min 4 **Max** 12
Wind speed, km/hr
Min 0 **Max** 2C

Carcass Search Date	No.	Description of Carcass
01-Jun-11	0	
08-Jun-11	0	
17-Jun-11	0	
22-Jun-11	0	
29-Jun-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Common Eider	2	
White Wing Scoter		
Red-breasted Merganser		
Common Loon	1	
Double-crested Cormorant	3	
Northern Gannet		
Black-bellied Plover		
Whimbrel		
Greater Yellowlegs		
Purple Sandpiper		
Herring Gull	135	
Glaucous Gull		
Tern (unidentified)		
Great Black-backed Gull	12	
Dovekie		
Black Guillemot	1	
American Crow		
Northern Raven	13	
Horned Lark		
Merlin		
Bald Eagle		
Savannah Sparrow	2	
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 8 species	169	

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

Summer bird numbers are up and comparable to those recorded in June 2011. As has been the situation over the duration of the study, sightings are dominated by Herring Gulls (Figure A).

Soras were heard calling at night in the study area during the night of 14 June and are likely nesting. A fresh Sora carcass was recovered by Richard in the area during May and might have represented a turbine strike.

Savannah Sparrows are again nesting in the vicinity of the turbines. One whole Savannah Sparrow carcass was found at 50 m Turbine 1 on 17 June 2011.

Richard Northcott was away during June and all surveys and the spring carcass experiment (15 June) were carried out by Gloria Northcott.

There were no operational issues with the observation program throughout the period.

END COMMENTS

Report submitted:

To: Deneen Cull, Nalcor
By: John Gale, P. Eng., Wm. Montevecchi, Ingrid Lawlor, FFC
Date: July 13, 2011

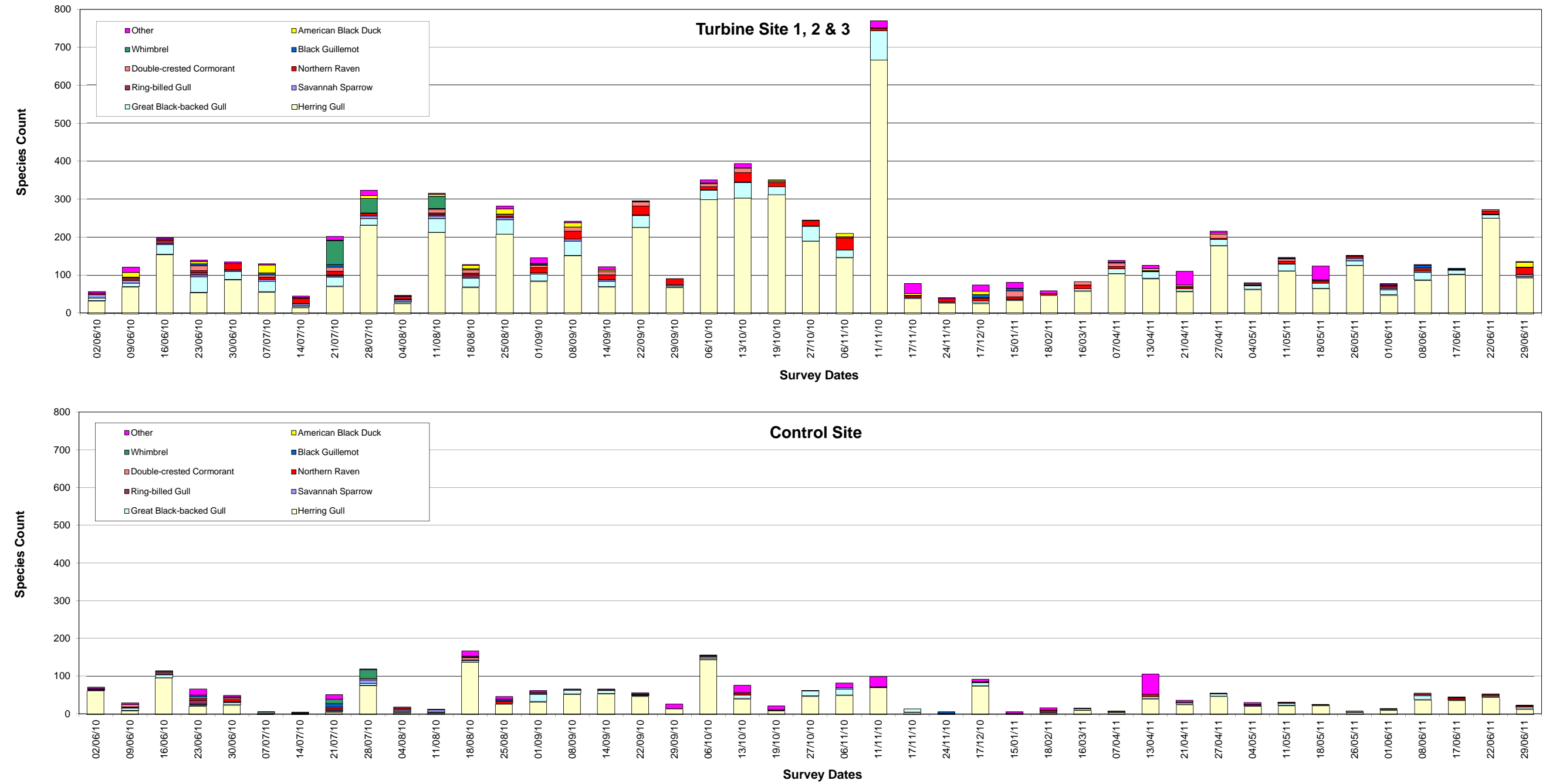


Figure A - Weekly histograms for Turbine Study Area and Control Site.

From 06-Jul-11
To 27-Jul-11

Surveys conducted on the following dates:
06-Jul-11, 13-Jul-11, 20-Jul-11, 27-Jul-11; Richard Northcott

Turbine Site General Conditions

Turbine status July 6th - Turbines operational, but not rotating, July 13th, 20th, and 27th - Turbines have no rotating blades, undergoing maintenance.
Food sources Mosquitos and a few blackflies. Crowberries and bakeapples. Community birdfeeders active. Trash was being dumped and incinerator was operational July 27th.
Community activities Fisheries during the month of July were Cod & Halibut. Food fishery was open July 27th. Approximately seven (7) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 5:20 AM
Latest finish time 9:13 AM
Temperatures, C
Min 12 **Max** 14
Wind speed, km/hr
Min 0 **Max** 15

Carcass Search Date	No.	Description of Carcass
06-Jul-11	0	
13-Jul-11	0	
20-Jul-11	0	
27-Jul-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck	10	3 adults, 11 young on water >100 m from Turbine 2 on July 27.
Long-tailed Duck		
Green-winged Teal	2	
Common Eider	14	2 adults, 8 young on pond > 100 m from Turbine 3 on July 27.
Harlequin Duck		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	7	
Northern Gannet		
Black-bellied Plover	1	
Kildeer		
Whimbrel	1	
Greater Yellowlegs		
Spotted Sandpiper		
Purple Sandpiper		
Wilson's Snipe	2	
Ring-billed Gull	28	
Herring Gull	103	
Glaucous Gull		
Tern		
Great Black-backed Gull	19	
Dovekie		
Common Murre		
Black Guillemot		
Mourning Dove		
American Crow	1	
Northern Raven	24	
Merlin		
Bald Eagle		
Hawk (unidentified)		
American Kestrel		
American Redstart		
European Starling		
Warbler		
House Sparrow		
Savannah Sparrow	16	
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin	2	
TOTALS - 14 species	230	

Control Site General Conditions

Turbine status N/A
Food sources Mosquitos and a few blackflies. Crowberries and bakeapples. Community birdfeeders active. Trash was being dumped and incinerator was operational July 27th.
Community activities Fisheries during the month of July were Cod & Halibut. Food fishery was open July 27th. Approximately, one (1) other individual in area during survey.

Control surveys

Earliest start time 4:55 AM
Latest finish time 7:02 AM
Temperatures, C
Min 12 **Max** 14
Wind speed, km/hr
Min 0 **Max** 15

Carcass Search Date	No.	Description of Carcass
06-Jul-11	0	
13-Jul-11	0	
20-Jul-11	0	
27-Jul-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Common Eider	30	
White Wing Scoter		
Red-breasted Merganser	1	
Common Loon	2	
Double-crested Cormorant	5	
Northern Gannet		
Black-bellied Plover		
Whimbrel	38	
Greater Yellowlegs	1	
Purple Sandpiper		
Herring Gull	48	
Glaucous Gull		
Tern	8	
Great Black-backed Gull	13	
Dovekie		
Black Guillemot		
American Crow		
Northern Raven	2	
Horned Lark		
Merlin		
Bald Eagle		
Savannah Sparrow	6	
Fox Sparrow	2	
Song Sparrow		
Snow Bunting		
American Robin	1	
TOTALS - 13 species	157	

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

Most of the surveys (July 6, 13 and 20) were carried out in fog conditions. Surveys during fog conditions create limited observer visibility and hence lower bird detection totals. As can be seen in the histogram (Figure A), more than twice as many birds were detected on the 27 July survey, the only one run in clear conditions during the month. In broader temporal comparisons, 230 birds were recorded at turbine sites in July compared to 733 in June and 503 in May, and to 701 birds detected in July 2010, when 19 different species were recorded compared to 14 species during July 2011.

It is important to note that surveys during foggy conditions are valuable, in as much as seabirds often move closer to coastal regions when it is foggy. It is informative in this respect that there were 0 carcass collections during July.

As is usually the case, Herring Gulls were the most frequently recorded species (103). Ring-billed Gulls (28) and Greater Black-backed Gulls (19) were also recorded; many Ring-billed Gulls were observed on the ground near the turbine study area.

Black Ducks are again this year nesting successfully on the sedge pond near Turbine 3. The 8 ducklings and 2 adults noted on 27 July, likely represent two broods. Three adult and 11 Common Eider ducklings were seen in the coastal water NW of Turbine 2.

Savannah Sparrows again appear to be nesting in the turbine area this summer, and Wilson's Snipe were recorded on the ground within 100 m of the turbine study site and are potential nesters. Sora, while not detected on any surveys, were heard calling after dark on 14 June when Montevocchi set out the carcasses for the field experiment.

The first migratory shorebirds (Black-bellied Plover, Whimbrel) were recorded during July.

Report submitted:

To: Deneen Cull, Nalcor
By: John Gale, P. Eng., Wm. Montevocchi, Ingrid Lawlor, FFC
Date: August 15, 2011

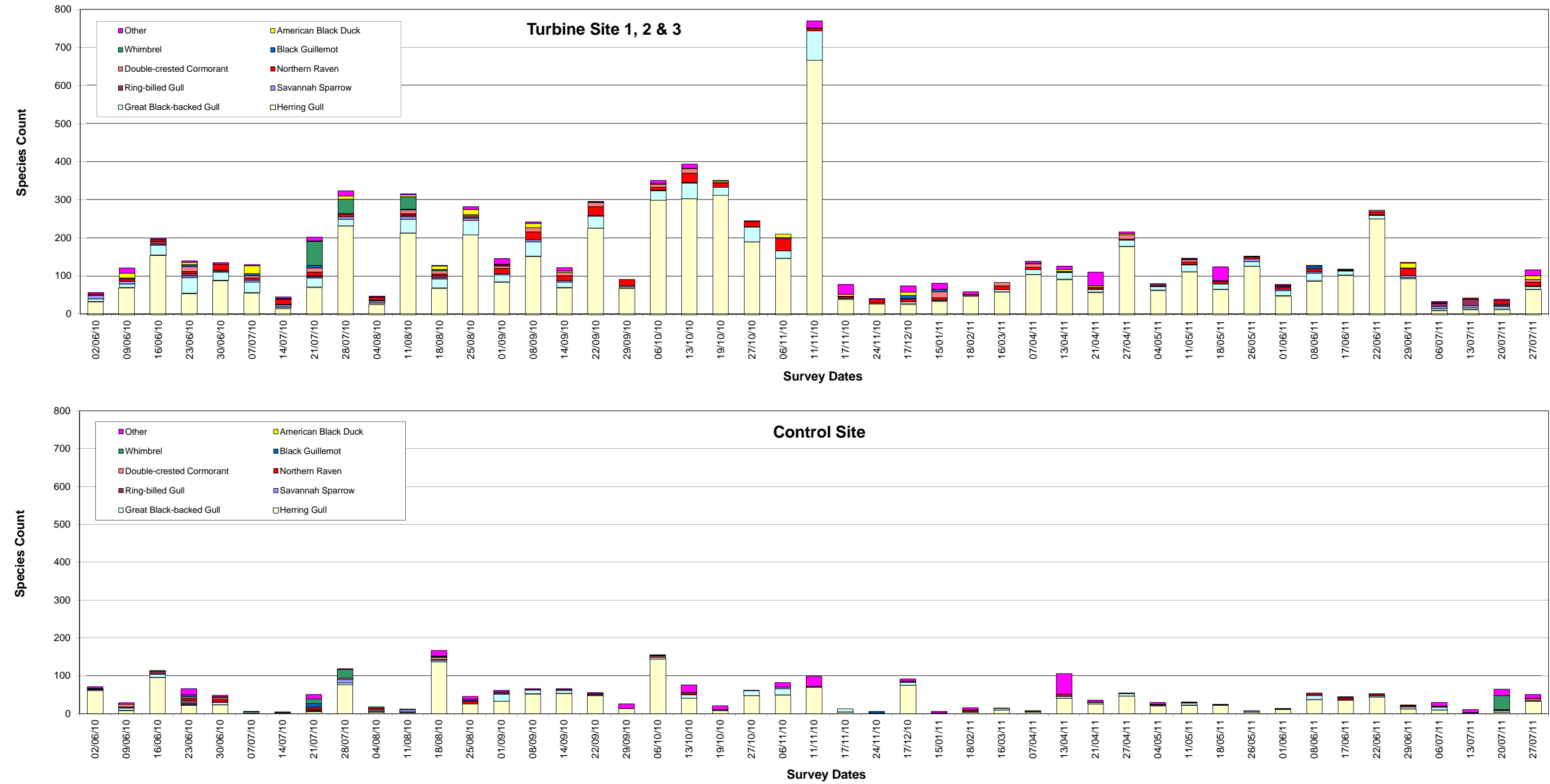


Figure A - Weekly histograms for Turbine Study Area and Control Site.

From 03-Aug-11
 To 31-Aug-11

Surveys conducted on the following dates:
 03-Aug-11, 10-Aug-11, 17-Aug-11, 24-Aug-11, 31-Aug-11; Richard Northcott

Turbine Site General Conditions

Turbine status August 3, 10th - Turbines undergoing maintenance, not rotating. August 17, 24th - All turbines rotating. August 31st - Turbine 1&3 rotating, Turbine 2 not rotating.
Food sources Mosquitos and blackflies. Crowberries and bakeapples. Community birdfeeders active. Incinerator was operational August 3 and 17th. Trash was being dumped on August 3rd.
Community activities Fisheries on August 3rd were Cod and Food Fishery. Food fishery was also open August 10th. No fisheries were open during August 17th, 24th and 31st survey dates. Approximately five (5) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 5:28 AM
Latest finish time 10:24 AM
Temperatures, C
 Min 12 **Max** 17
Wind speed, km/hr
 Min 0 **Max** 20

Carcass Search Date	No.	Description of Carcass
03-Aug-11	1	Storm-petrel, feathers only, wing tip, tail feathers and several other feathers, all black with musky smell.
10-Aug-11	0	
17-Aug-11	0	
24-Aug-11	0	
31-Aug-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		August 3rd and 10th - 1 cat in dump by Turbine 3.
American Black Duck	19	August 17th - Maintenance complete on all Turbines, very thick fog, little bird activity around turbines.
Long-tailed Duck		
Green-winged Teal		August 19th and 20th - A Caspian Tern was in area.
Common Eider	12	
Harlequin Duck		
Red-breasted Merganser		
Common Loon	1	
Double-crested Cormorant	57	
Northern Gannet		
Black-bellied Plover		
American Golden-plover	1	New Species
Kildeer		
Whimbrel	38	
Greater Yellowlegs	8	
Spotted Sandpiper		
Purple Sandpiper		
Wilson's Snipe	1	
Ring-billed Gull	44	
Herring Gull	659	
Glaucous Gull		
Tern		
Great Black-backed Gull	61	
Dovekie		
Common Murre		
Black Guillemot	2	
Mourning Dove		
American Crow	8	
Northern Raven	37	
Tree Swallow	1	New Species
Merlin	1	
Bald Eagle		
Northern Harrier	1	New Species
Hawk		
American Kestrel		
American Redstart		
European Starling	6	
Warbler		

Control Site General Conditions

Turbine status N/A
Food sources Mosquitos and blackflies. Crowberries and bakeapples. Community birdfeeders active. Incinerator was operational August 3 and 17th. Trash was being dumped on August 3rd.
Community activities Fisheries on August 3rd were Cod and Food Fishery. Food fishery was also open August 10th. No fisheries were open during August 17th, 24th and 31st survey dates. Approximately two (2) other individuals in area during survey.

Control surveys

Earliest start time 6:40 AM
Latest finish time 10:12 AM
Temperatures, C
 Min 12 **Max** 16
Wind speed, km/hr
 Min 0 **Max** 20

Carcass Search Date	No.	Description of Carcass
03-Aug-11	0	
10-Aug-11	0	
17-Aug-11	0	
24-Aug-11	0	
31-Aug-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Common Eider	47	10 young, 5 adult Eider Ducks sighted August 3rd.
White Wing Scoter		
Red-breasted Merganser		
Common Loon	1	
Double-crested Cormorant	14	
Northern Gannet		
Black-bellied Plover	4	
American Golden-plover	2	New Species
Semipalmated Plover	17	New Species
Whimbrel	55	
Greater Yellowlegs	1	
Purple Sandpiper		
Herring Gull	252	
Glaucous Gull		
Tern		
Great Black-backed Gull	24	
Dovekie	3	
Black Guillemot	5	
American Crow		
Northern Raven	15	
Horned Lark		
Merlin	1	
Bald Eagle		

Species Sighted	No.	Sighting Comments
House Sparrow		
Savannah Sparrow	7	
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 19 species	964	

Species reference web sites

http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html

<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Species Sighted	No.	Sighting Comments
Savannah Sparrow	12	
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 15 species	453	

Operational comments:

START COMMENTS:

Five surveys were conducted during August: two in overcast conditions (3 and 10 August), one in fog (17 August) and two in sunny/clear conditions (24 and 31 August). The counts of about 300 birds in each of the last two surveys reflect the late summer/autumn increase that is expected as a result of migratory movements. Most of the increase is driven by higher numbers of the most common species – the Herring Gull (Figure A). Shorebird migration is marked by the occurrences of Semi-palmated, Black-bellied and American Golden Plovers, Whimbrels and Greater Yellowlegs.

The feather remains of a storm-petrels within 5 meters of Turbine 3. A cat was also recorded in the dump by Turbine 3. Two Merlins were observed – one within 100 meters of Turbine 3, and the other in the control site.

Three new species (American Golden Plover, Northern Harrier, Tree Swallow) recorded during August brought the total number of species recorded during the surveys to 47.

END COMMENTS

Report submitted:

To: Deneen Cull, Nalcor

By: John Gale, P. Eng. , Wm. Montevecchi, Ingrid Lawlor; FFC

Date: September 18, 2011

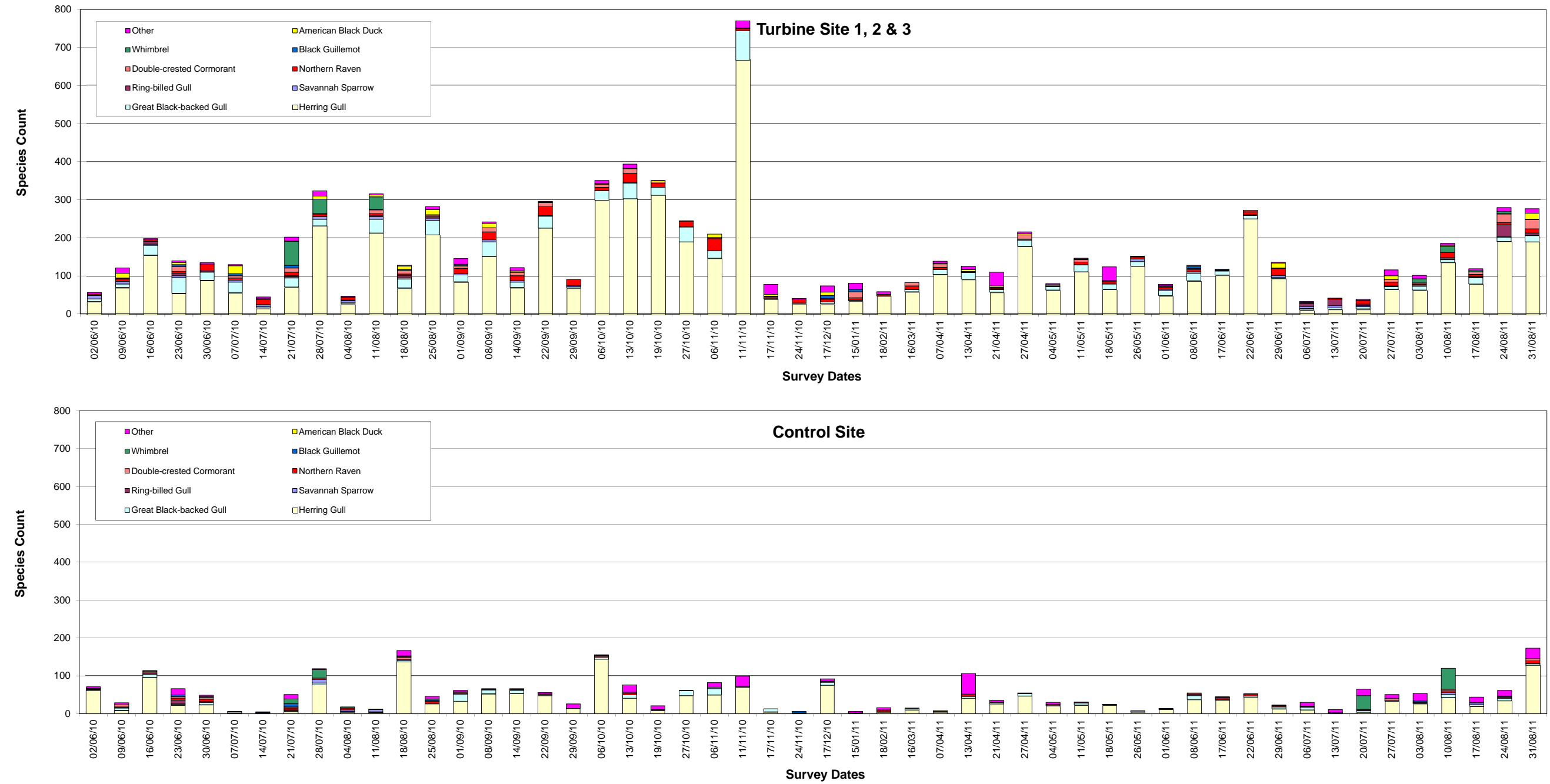


Figure A - Weekly histograms for Turbine Study Area and Control Site.

From 07-Sep-11
To 28-Sep-11

Surveys conducted on the following dates:

07-Sep-11, 13-Sep-11, 21-Sep-11, 27-Sep-11 (Bird Survey) and 28-Sep-11 (Seasonal Carcass Study); Richard Northcott

Turbine Site General Conditions

Turbine status September 7th - Turbine 1 & 3 rotating, Turbine 2 not rotating. September 13th - No turbines rotating. September 21st - Turbine 1 rotating for approximately 2 hours. September 27th - Turbine 1 & 2 rotating, Turbine 3 not rotating.

Food sources No insects or berries. Community birdfeeders active. Incinerator was operational September 13th. Trash was being dumped on September 21st.

Community activities No fisheries were open during September 7th, 13th and 21st survey dates. Food fishery was open September 27th. Approximately six (6) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 6:15 AM

Latest finish time 10:33 AM

Temperatures, C

Min 6 **Max** 14

Wind speed, km/hr

Min 0 **Max** 25

Carcass Search Date	No.	Description of Carcass
07-Sep-11	0	
13-Sep-11	0	
21-Sep-11	0	
27-Sep-11	NA	Carcass survey ran as part of seasonal carcass study on September 28th.

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck	30	
Long-tailed Duck		
Green-winged Teal	6	
Common Eider	25	
Harlequin Duck	1	
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	67	
Northern Gannet		
Black-bellied Plover	1	
American Golden-plover		
Kildeer		
Whimbrel	12	
Greater Yellowlegs	4	
Spotted Sandpiper	3	
Purple Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	653	
Glaucous Gull		
Tern		
Great Black-backed Gull	57	
Dovekie		
Common Murre		
Black Guillemot	2	
Mourning Dove		
American Crow	2	
Northern Raven	24	
Tree Swallow		
Merlin		
Bald Eagle	2	
Northern Harrier	1	
Hawk		
American Kestrel		
American Redstart		
European Starling		
Warbler		

Control Site General Conditions

Turbine status N/A

Food sources No insects or berries. Community birdfeeders active. Incinerator was operational September 13th. Trash was being dumped on September 21st.

Community activities No fisheries were open during September 7th, 13th and 21st survey dates. Food fishery was open September 27th. Approximately three (3) other individuals in area during survey.

Control surveys

Earliest start time 6:29 AM

Latest finish time 9:03 AM

Temperatures, C

Min 8 **Max** 11

Wind speed, km/hr

Min 0 **Max** 25

Carcass Search Date	No.	Description of Carcass
07-Sep-11	0	
13-Sep-11	0	
21-Sep-11	0	
27-Sep-11	NA	Carcass survey ran as part of seasonal carcass study on September 28th.

Species Sighted	No.	Sighting Comments
Canada Goose	6	
American Black Duck	6	
Long-tailed Duck		
Common Eider	17	
White Wing Scoter		
Red-breasted Merganser	3	
Common Loon	1	
Double-crested Cormorant	31	
Northern Gannet	12	
Black-bellied Plover		
American Golden-plover	8	
Semipalmated Plover		
Whimbrel	4	
Greater Yellowlegs	1	
Purple Sandpiper		
Herring Gull	212	
Glaucous Gull		
Tern		
Great Black-backed Gull	22	
Dovekie		
Black Guillemot		
American Crow		
Northern Raven	5	
Horned Lark		
Merlin	1	
Bald Eagle	1	
Northern Harrier	1	New Species
Hawk (unidentified)	1	New Species

Species Sighted	No.	Sighting Comments
House Sparrow		
Savannah Sparrow	6	
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 17 species	896	

Species reference web sites

http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html

<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Species Sighted	No.	Sighting Comments
Savannah Sparrow	1	
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 18 species	333	

Operational comments:

START COMMENTS:

As in September and August 2010, numbers of total birds increased as a reflection of autumn migratory movements to the south coast. As in 2010, the increase is driven primarily by Herring Gulls. There were higher counts of species and numbers of birds of prey (Figure A). During September, Bald Eagle, Merlin, Northern Harrier and an unidentified hawk were observed in the control area.

With the increase in the numbers of birds in the area, a number of birds were recorded flying within 100 meters of a turbine.

On 7 September, a Bald Eagle was observed with 100 meters of Turbine 1, and on 21 September, a Northern Harrier was within 100 meters of Turbine 2. Some shorebird migrants continued to move through the area.

On 13 September, a Whimbrel was observed within 50 meters of Turbine 1, a Herring Gull within 50 meters of Turbine 2, and 4 Greater Yellowlegs flew within 100 meters of Turbine 2, and 2 Black Ducks and a Green-winged Teal were recorded within 100 meters of Turbine 3.

On 21 September, a Great Black-backed Gull, a Sandpiper and a Raven flew within 50 meters of Turbine 1, and a Herring Gull flew within 50 meters of Turbine 2, and 3 Black Ducks flew with 100 meters of Turbine 2. A flock of 10 Black Ducks and a Great Black-backed Gull flew within 100 meters of Turbine 3.

On 27 September, 3 Green-winged Teal and 13 Great Black-backed Gulls flew within 100 meters of Turbine 1, 5 Herring Gulls flew within 100 meters of Turbine 2, and 2 Black Ducks, 3 Green-winged Teal and a Raven flew within 100 meters of Turbine 3.

No carcasses were found in the study area during September. A carcass detection/removal experiment was carried out on 27 September, and these results will be reported in a separate account.

END COMMENTS

Report submitted:

To: Deneen Cull, Nalcor

By: John Gale, P. Eng., Wm. Montevecchi, Ingrid Lawlor; FFC

Date: October 4, 2011

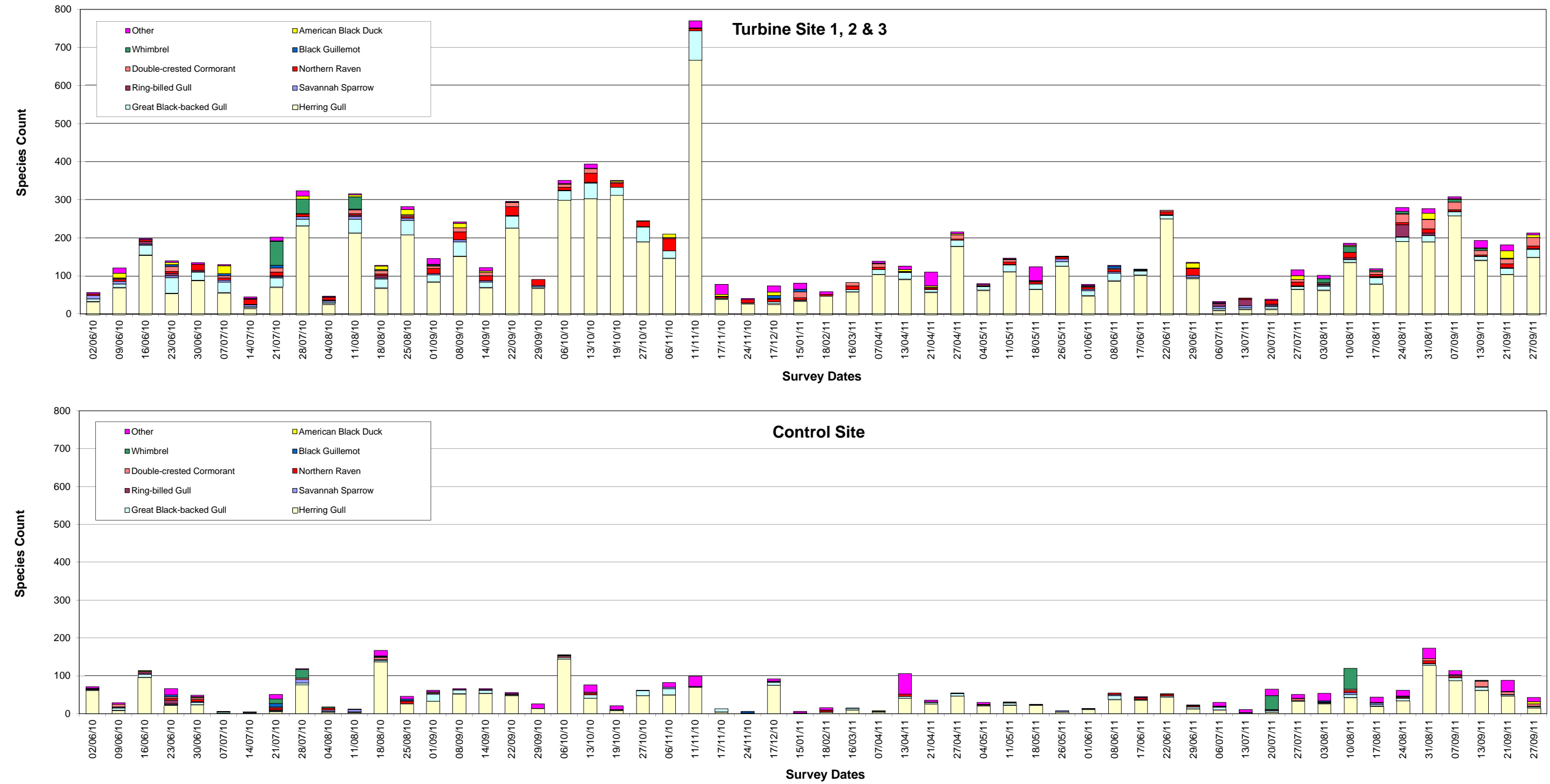


Figure A - Weekly histograms for Turbine Study Area and Control Site.

From 07-Oct-11
To 27-Oct-11

Surveys conducted on the following dates:
07-Oct-11, 12-Oct-11, 19-Oct-11, 27-Oct-11; Richard Northcott

Turbine Site General Conditions

Turbine status October 7th - Turbine 1 & 2 rotating, turbine 3 not rotating. October 12th - No turbines rotating (no wind). October 19th - Turbines 1, 2 & 3 rotating. October 27th - Turbines 1 & 2 rotating for approximately half an hour during survey time, Turbine 3 was rotating.

Food sources No insects or berries. Community birdfeeders active. Incinerator was operational on October 12th. Incinerator was operational and trash was dumped on October 19th.

Community activities No fishing during October 7th, 19th and 27th survey dates. Little commercial fishery on October 12th. Approximately five (5) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 6:50 AM
Latest finish time 11:36 AM
Temperatures, C
Min 4 **Max** 11
Wind speed, km/hr
Min 10 **Max** 50

Carcass Search Date	No.	Description of Carcass
07-Oct-11	0	
12-Oct-11	0	
19-Oct-11	0	
27-Oct-11	1	Water Thrush carcass. Whole, dead for a few days. 85 degrees, 46 m from tower.

Species Sighted	No.	Sighting Comments
Canada Goose	1	5 Snow Geese in area on October 5th.
American Black Duck	3	2 cats by Turbine 3 on October 12th.
Long-tailed Duck		
Green-winged Teal		
Common Eider	2	
Harlequin Duck		
Red-breasted Merganser		
Common Loon	2	
Double-crested Cormorant	40	
Northern Gannet	6	
Black-bellied Plover		
American Golden-plover	5	
Kildeer		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper	6	
Purple Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	645	
Glaucous Gull		
Tern		
Great Black-backed Gull	92	
Dovekie		
Common Murre		
Black Guillemot	6	
Mourning Dove		
American Crow	8	
Northern Raven	25	
Tree Swallow		
Merlin		
Bald Eagle	1	
Northern Harrier		
Hawk		
American Kestrel		
American Redstart		
European Starling		
Warbler		

Control Site General Conditions

Turbine status N/A

Food sources No insects or berries. Community birdfeeders active. Incinerator was operational on October 12th. Incinerator was operational and trash was dumped on October 19th.

Community activities No fishing during October 7th, 19th and 27th survey dates. Little commercial fishery on October 12th. Approximately two (2) other individuals in area during survey.

Control surveys

Earliest start time 8:35 AM
Latest finish time 9:39 AM
Temperatures, C
Min 4 **Max** 11
Wind speed, km/hr
Min 10 **Max** 50

Carcass Search Date	No.	Description of Carcass
07-Oct-11	0	
12-Oct-11	0	
19-Oct-11	0	
27-Oct-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Common Eider	9	
White Wing Scoter		
Red-breasted Merganser		
Common Loon	3	
Double-crested Cormorant	1	
Northern Gannet	6	
Black-bellied Plover		
American Golden-plover	6	
Semipalmated Plover	4	
Whimbrel		
Greater Yellowlegs		
Purple Sandpiper		
Herring Gull	182	
Glaucous Gull		
Tern		
Great Black-backed Gull	22	
Dovekie		
Black Guillemot	11	
American Crow		
Northern Raven	8	
Horned Lark		
Merlin		
Bald Eagle		
Northern Harrier		
Hawk (unidentified)		
American Kestrel	1	New Species

Species Sighted	No.	Sighting Comments
House Sparrow		
Savannah Sparrow	1	
Fox Sparrow		
Song Sparrow	2	
Snow Bunting		
American Robin	2	
TOTALS - 17 species	847	

Species reference web sites

http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html

<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Species Sighted	No.	Sighting Comments
Savannah Sparrow		
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 11 species	253	

Operational comments:

START COMMENTS:

Consistent with patterns of fall migration during 2010, the survey of 7 October had the highest count of birds during 2011. A total count of 847 birds, comprising 17 species. Also, as in the previous year, Herring Gulls accounted for the bulk of the birds counted, and in this instance 76% (645/847) of the birds counted during October. Great Black-backed Gulls were the second most recorded species making up more than 10 % of the birds counted (Figure A).

Five of the Herring Gulls flew within 50 m of a turbine, and 26 flew within 100 m of a turbine. One Great Black-backed Gull flew within 50 m of a turbine, and 10 flew within 100 m of a turbine. Song Sparrow was the only other species that flew within 50 m of a turbine. Other species flying within 100 m of a turbine included four Ravens and one of each - Bald Eagle, Goose, Black Duck and American Golden Plover.

One carcass of a Northern Waterthrush was collected within 50 m of Turbine 3 on 27 October. Two cats were observed by Turbine 3 on 12 October.

Five snow Geese were observed in the area on 5 October.

Report submitted:

To: Deneen Cull, Nalcor
By: John Gale, P. Eng., Wm. Montevecchi, Ingrid Lawlor, FFC
Date: November 7, 2011

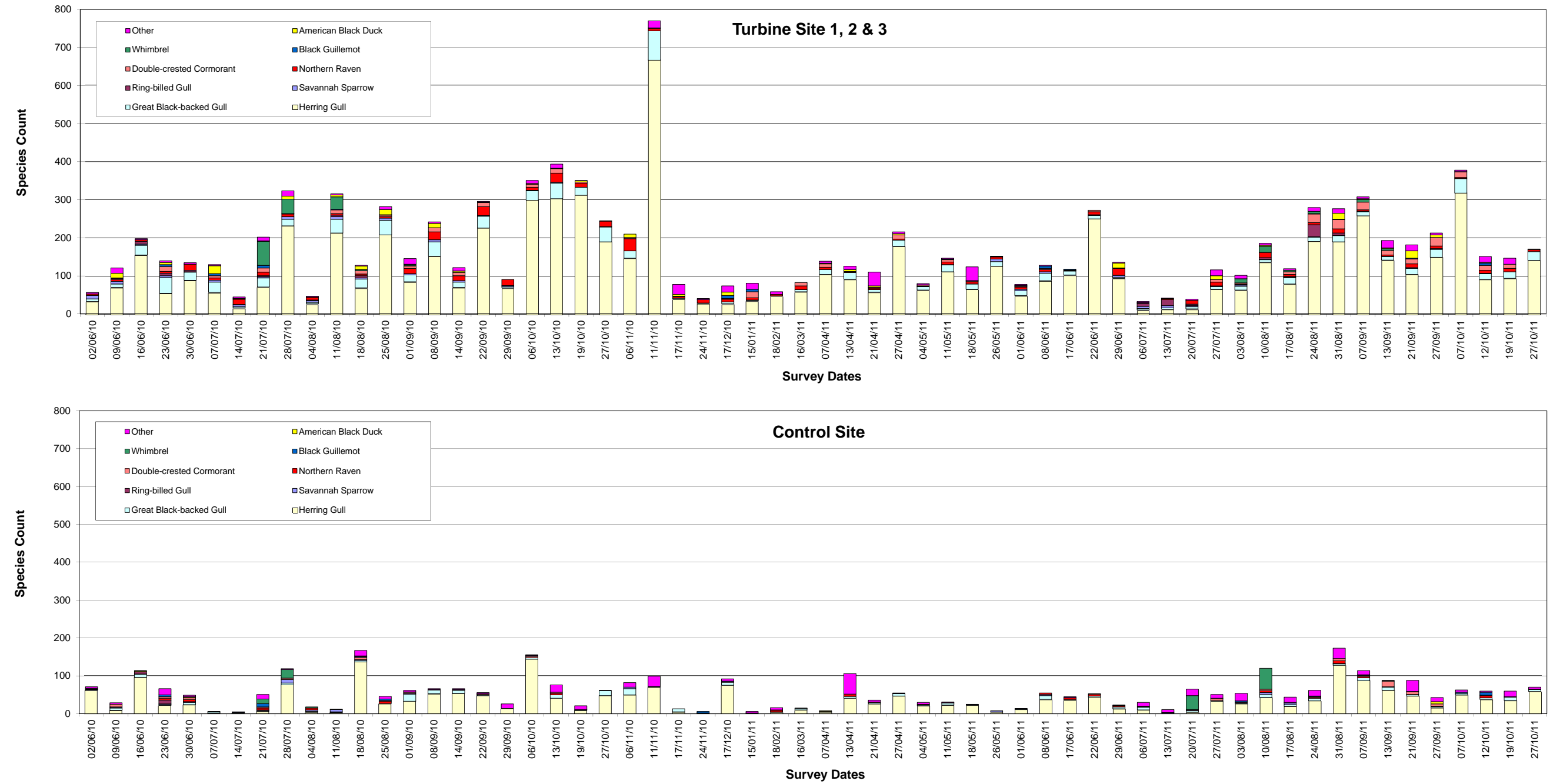


Figure A - Weekly histograms for Turbine Study Area and Control Site.

Fracflow Consultants Inc.
Summary Monthly Report

Ramea WHD Bird Monitoring Study
May 2010 to April 2012

From 03-Nov-11
To 29-Nov-11

Surveys conducted on the following dates:
03-Nov-11, 22-Nov-11, 29-Nov-11; Richard Northcott

Turbine Site General Conditions

Turbine status November 3rd - Turbine 2 & 3 rotating, Turbine 1 operational but not rotating. November 22nd - Turbine 1 & 3 rotating, Turbine 3 operational but not rotating. November 29th - Turbines 1, 2 & 3 rotating.

Food sources No insects or berries. Community birdfeeders active. Trash was dumped on November 29th.

Community activities No fisheries during November 3rd, 22nd and 29th survey dates.

Approximately five (5) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 7:15 AM

Latest finish time 11:06 AM

Temperatures, C

Min -1 **Max** 8

Wind speed, km/hr

Min 15 **Max** 20

Carcass Search Date	No.	Description of Carcass
03-Nov-11	0	
22-Nov-11	0	
29-Nov-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		Nov. 19 - A pied billed Grebe around for the past week. Lots of Dovekies flying west along coastline. Two Coots sighted this survey.
American Black Duck		
Long-tailed Duck	1	
Green-winged Teal		Nov. 22 - Few gulls past two surveys, no fisheries here but several seiners along coast west of Burgeo, maybe Gulls have moved there.
Common Eider	13	
Harlequin Duck		
Red-breasted Merganser		
Common Loon	2	
Double-crested Cormorant	11	
Northern Gannet		
American Coot	2	New Species
Black-bellied Plover		
American Golden-plover		
Kildeer		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Purple Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	395	
Glaucous Gull		
Tern		
Great Black-backed Gull	21	
Dovekie	65	
Common Murre		
Black Guillemot	7	
Mourning Dove		
American Crow		
Northern Raven	33	
Tree Swallow		
Merlin	2	
Bald Eagle	1	
Northern Harrier		
Hawk		
American Kestrel		
American Redstart		
European Starling	8	
Warbler		

Control Site General Conditions

Turbine status N/A

Food sources No insects or berries. Community birdfeeders active. Trash was dumped on November 29th.

Community activities No fisheries during November 3rd, 22nd and 29th survey dates.

Approximately, three (3) other individuals in area during survey.

Control surveys

Earliest start time 7:19 AM

Latest finish time 11:43 AM

Temperatures, C

Min -1 **Max** 5

Wind speed, km/hr

Min 15 **Max** 20

Carcass Search Date	No.	Description of Carcass
03-Nov-11	0	
22-Nov-11	0	
29-Nov-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck	15	
Long-tailed Duck		
Common Eider	8	
White Wing Scoter		
Red-breasted Merganser	2	
Common Loon		
Double-crested Cormorant	15	
Northern Gannet	1	
Black-bellied Plover	31	
American Golden-plover		
Semipalmated Plover		
Whimbrel		
Greater Yellowlegs		
Purple Sandpiper	60	
Herring Gull	70	
Glaucous Gull		
Tern		
Great Black-backed Gull		
Dovekie	28	
Black Guillemot		
American Crow	9	
Northern Raven	3	
Horned Lark		
Merlin		
Bald Eagle		
Northern Harrier		
Hawk (unidentified)		
American Kestrel		

Species Sighted	No.	Sighting Comments
House Sparrow		
Savannah Sparrow		
Fox Sparrow		
Song Sparrow		
Snow Bunting	15	
American Robin		
TOTALS - 14 species	576	

Species Sighted	No.	Sighting Comments
Savannah Sparrow		
Fox Sparrow		
Song Sparrow		
Snow Bunting	49	
American Robin		
TOTALS - 12 species	291	

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

It is apparent that the time of peak bird occurrences in the turbine study area occurs during fall, specifically October and early November. As in 2010, the peak number of birds in the turbine study area occurred during October and November. This period is marked by a migratory movement of primarily Herring Gulls through the area (Figure A).

Only 3 surveys were run during November. The high count in the turbine area during the month occurred on 3 November when 327 birds were recorded, consisting of 94 % (307/327) Herring Gulls. This high weekly high count is slightly less than the high weekly count in October that occurred on 7 October (370 birds), also being made up primarily of Herring Gulls (86 %, 318/370). The high weekly count during 2010 occurred on 11 November when 772 birds (86 % Herring Gulls) were counted in the turbine study area.

Of the 395 Herring Gulls that recorded in the turbine study area during November 2011, only 4 flew within 50 m of a turbine, and only 9 flew within 100 m of a turbine. On 3 November, a flock of 81 Herring Gulls were roosting on the ground within 100 m of Turbine 2. Five Northern Ravens flew within 50 m of Turbine 2 on 3 November, and 3 were on the ground within 100 m of Turbine 3 on 22 November.

A Merlin (3 November) and a Bald Eagle (22 November) were seen in the study area but did not fly within 100 m of a turbine.

Two American Coots (a new species for the study) were within 100 m of Turbine 3.

A couple of Snow Buntings flew within 100 m of Turbine 1 on 29 November, and while these were the only Snow Buntings seen in the study area, many were observed in the control area, where Purple Sandpipers were also seen.

By the end of November, total bird counts in the study area had decreased substantially to fewer than 100 birds on 22 November and 134 birds on 29 November.

No carcasses were recovered. Monthly surveys will begin in December.

Report submitted:

To: Deneen Cull, Nalcor
 By: John Gale, P. Eng., Wm. Montevecchi, Ingrid Lawlor; FFC
 Date: December 16, 2011

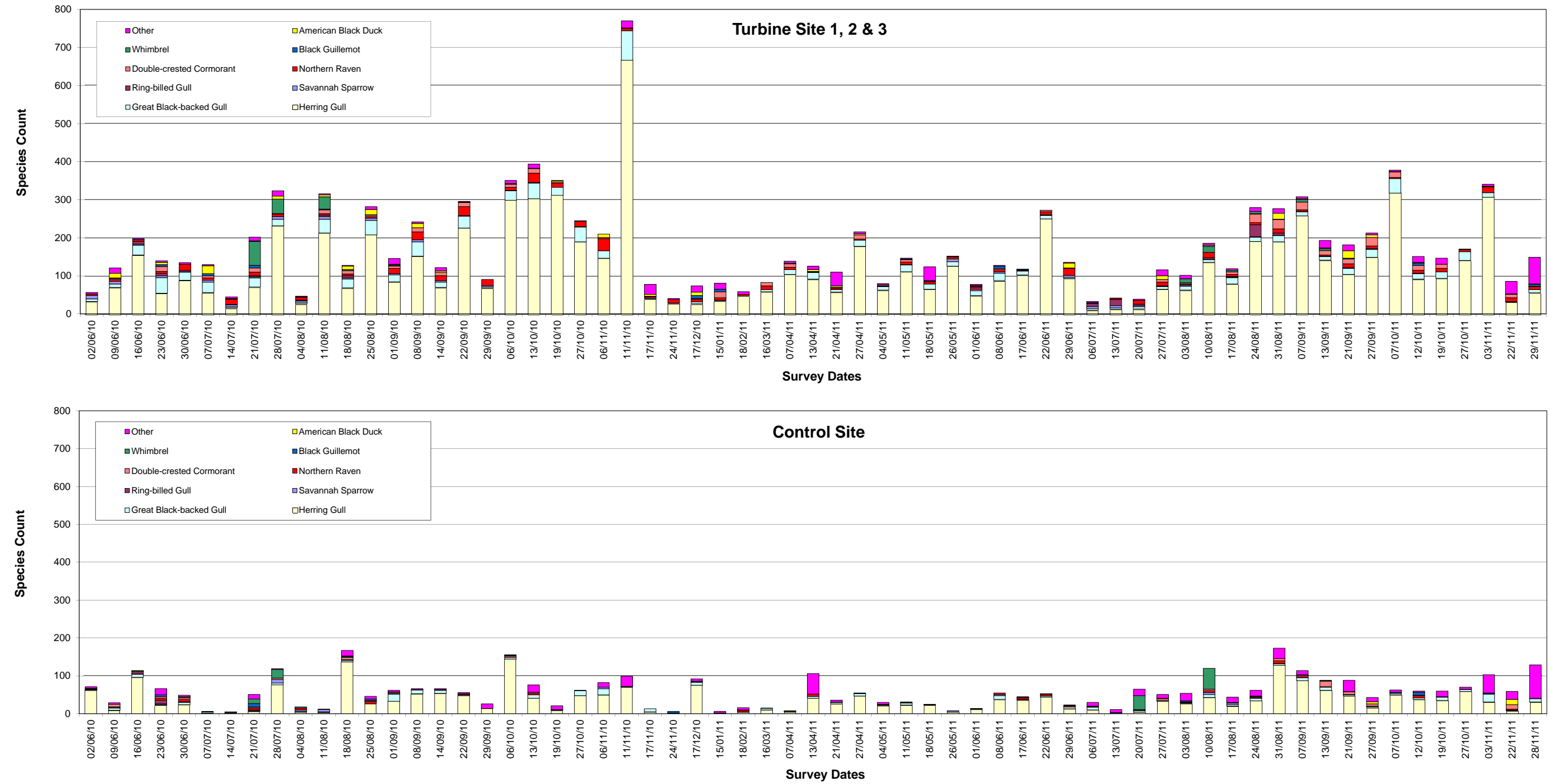


Figure A - Weekly histograms for Turbine Study Area and Control Site.

Fracflow Consultants Inc.
Summary Monthly Report

Ramea WHD Bird Monitoring Study
May 2010 to April 2012

From 13-Dec-11
To 13-Dec-11
Surveys conducted on the following dates:
 13-Dec-11; Richard Northcott

Turbine Site General Conditions
Turbine status December 13th - Rotating blades Turbine 1, 2 & 3.

Food sources No insects or berries. Community birdfeeders active. Trash was dumped on December 13th.

Community activities No fisheries during December 13th survey date.

Eight (8) other individuals in turbine area during surveys.

Turbine surveys
Earliest start time 7:30 AM
Latest finish time 11:36 AM
Temperatures, C
Min 2 **Max** 2
Wind speed, km/hr
Min 15 **Max** 15

Carcass Search Date	No.	Description of Carcass
13-Dec-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		Dec. 13th - 1 cat in dump area. A snowy owl seen in past week; once by Turbine Site.
American Black Duck		
Long-tailed Duck		
Green-winged Teal		
Common Eider		
Harlequin Duck		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	12	
Northern Gannet		
American Coot		
Black-bellied Plover		
American Golden-plover		
Kildeer		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Purple Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	68	
Glaucous Gull		
Tern		
Great Black-backed Gull	15	
Dovekie		
Common Murre		
Black Guillemot		
Mourning Dove		
American Crow	9	
Northern Raven	7	
Tree Swallow		
Merlin		
Bald Eagle		
Northern Harrier		
Hawk		
American Kestrel		
American Redstart		
European Starling	25	
Warbler		

Control Site General Conditions
Turbine status N/A

Food sources No insects or berries. Community birdfeeders active. Trash was dumped on December 13th.

Community activities No fisheries during December 13th survey date.

Three (3) other individuals in area during survey.

Control surveys
Earliest start time 9:33 AM
Latest finish time 10:16 AM
Temperatures, C
Min 2 **Max** 2
Wind speed, km/hr
Min 15 **Max** 15

Carcass Search Date	No.	Description of Carcass
13-Dec-11	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Common Eider		
White Wing Scoter		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant		
Northern Gannet		
Black-bellied Plover		
American Golden-plover		
Semipalmated Plover		
Whimbrel		
Greater Yellowlegs		
Purple Sandpiper		
Herring Gull	26	
Glaucous Gull		
Tern		
Great Black-backed Gull	8	
Dovekie	27	
Black Guillemot	5	
American Crow		
Northern Raven	1	
Horned Lark		
Merlin		
Bald Eagle		
Northern Harrier		
Hawk (unidentified)		
American Kestrel		

Species Sighted	No.	Sighting Comments
House Sparrow		
Savannah Sparrow		
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 6 species	136	

Species reference web sites

http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html

<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

During December, 136 birds of 6 species were recorded in the turbine study area. As usual Herring Gulls were the most common species, comprising 50 % of the total (Figure A). During December 2010, fewer than 100 birds were recorded in the turbine study area though weather conditions were comparable.

Birds that occurred within 100 m of the turbines included 4 Herring Gulls, 1 Northern Raven and 9 American Crows on the ground at Turbine 1, and 25 European Starlings on the ground at Turbine 2. No birds were recorded within 50 m of any turbines.

During the week a Snowy Owl was seen in the turbine study area, and a cat was seen around the dump site.

As has been evident throughout the research, the control site that Richard selected is one that has a high abundance and species diversity of birds. We will need to address this in the final report as another possibility is that birds are avoiding the turbine area.

Report submitted:

To: Deneen Cull, Nalcor

By: John Gale, P. Eng., Wm. Montevecchi, Ingrid Lawlor; FFC

Date: January 3, 2012

Species Sighted	No.	Sighting Comments
Savannah Sparrow		
Fox Sparrow		
Song Sparrow		
Snow Bunting	5	
American Robin		
TOTALS - 6 species	72	

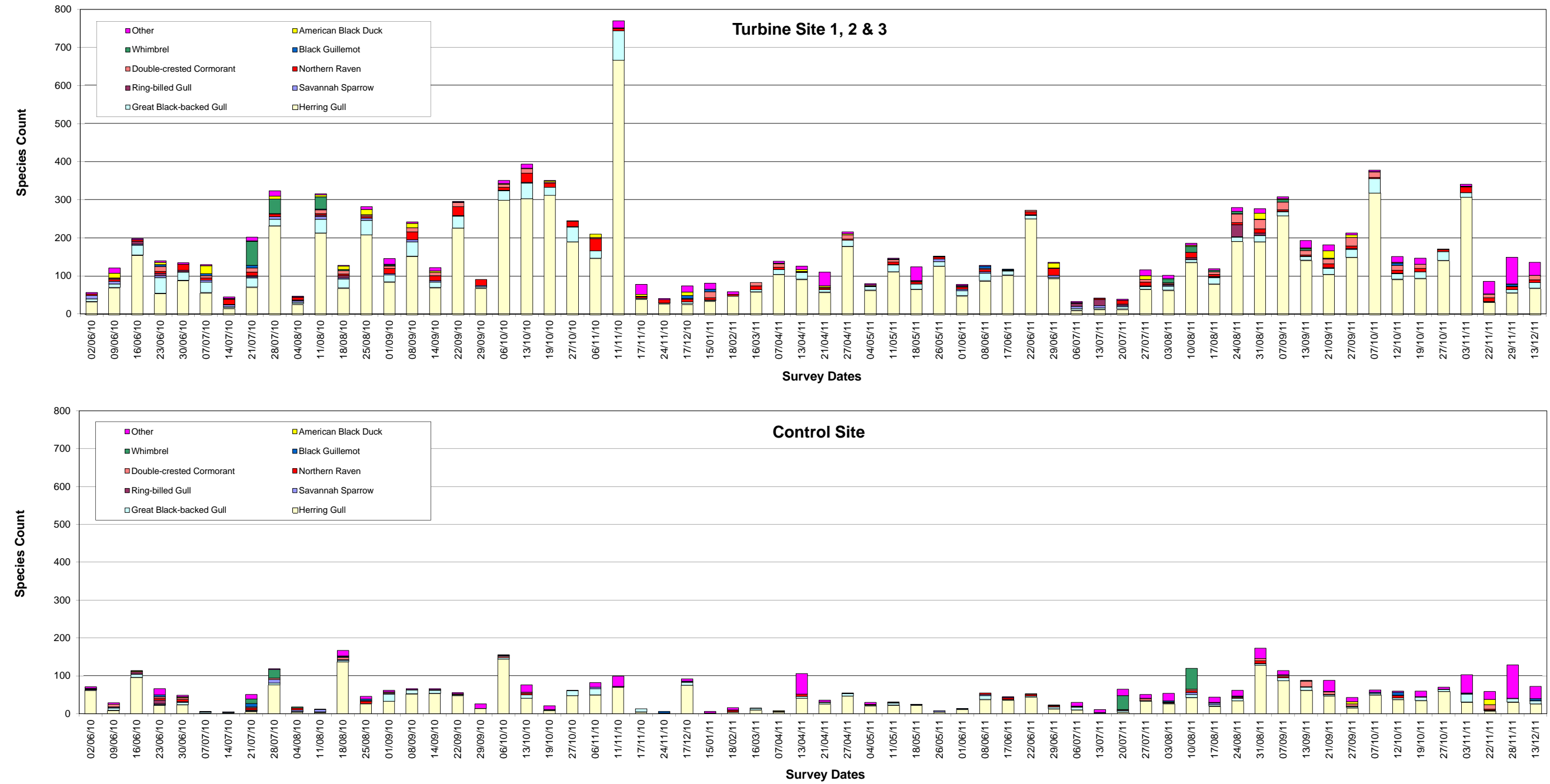


Figure A - Weekly histograms for Turbine Study Area and Control Site.

**Fracflow Consultants Inc.
Summary Monthly Report**

**Ramea WHD Bird Monitoring Study
May 2010 to April 2012**

From 15-Jan-12
To 15-Jan-12
Surveys conducted on the following dates:
15-Jan-12; Richard Northcott

Turbine Site General Conditions
Turbine status January 15th - Rotating blades Turbine 1, 2 & 3.

Food sources No insects or berries. Community birdfeeders active. No trash was dumped during the January 15th survey date and the incinerator was not operational.

Community activities No fisheries during January 15th survey date.

Six (6) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 7:30 AM
Latest finish time 9:40 AM
Temperatures, C
Min -7 **Max** -6
Wind speed, km/hr
Min 35 **Max** 35

Carcass Search Date	No.	Description of Carcass
15-Jan-12	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Green-winged Teal		
Common Eider		
Harlequin Duck		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	3	
Northern Gannet		
American Coot		
Black-bellied Plover		
American Golden-plover		
Kildeer		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Purple Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	83	
Glaucous Gull		
Tern		
Great Black-backed Gull	2	
Dovekie	19	
Common Murre		
Black Guillemot	1	
Mourning Dove		
American Crow		
Northern Raven	4	
Tree Swallow		
Merlin		
Bald Eagle	4	
Northern Harrier		
Hawk		
American Kestrel		
American Redstart		
European Starling		
Warbler		

Control Site General Conditions
Turbine status N/A

Food sources No insects or berries. Community birdfeeders active. No trash was dumped during the January 15th survey date and the incinerator was not operational.

Community activities No fisheries during January 15th survey date.

One (1) other individual in area during survey.

Control surveys

Earliest start time 10:05 AM
Latest finish time 10:48 AM
Temperatures, C
Min -8 **Max** -8
Wind speed, km/hr
Min 40 **Max** 40

Carcass Search Date	No.	Description of Carcass
15-Jan-12	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Common Eider		
White Wing Scoter		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	1	
Northern Gannet		
Black-bellied Plover		
American Golden-plover		
Semipalmated Plover		
Whimbrel		
Greater Yellowlegs		
Purple Sandpiper		
Herring Gull	14	
Glaucous Gull		
Tern		
Great Black-backed Gull		
Dovekie	10	
Black Guillemot		
American Crow		
Northern Raven	2	
Horned Lark		
Merlin		
Bald Eagle		
Northern Harrier		
Hawk (unidentified)		
American Kestrel		

Species Sighted	No.	Sighting Comments
House Sparrow		
Savannah Sparrow		
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 7 species	116	

Species reference web sites

http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html

<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

During January, 118 birds of 7 species were recorded in the turbine study area. As usual, Herring Gulls were the most common species, comprising 70 % (83/118) of the total (Figure A).

It is notable that four bald eagles were recorded during the January survey; one was within 50 m of turbine 1, another was within 100 m turbine 3. Nine Dovekies also occurred within hundred meters of turbine 1, as did one Raven and one of the 83 Herring Gulls recorded. No birds were noted to be on the ground.

In early January, Richard noted a dead Dovekie and also a cat in the turbine study area.

A carcass experiment is scheduled for the end of the month.

Report submitted:

To: Deneen Cull, Nalcor

By: John Gale, P. Eng. , Wm. Montevecchi, Ingrid Lawlor; FFC

Date: January 30, 2012

Species Sighted	No.	Sighting Comments
Savannah Sparrow		
Fox Sparrow		
Song Sparrow		
Snow Bunting	1	
American Robin		
TOTALS - 5 species	28	

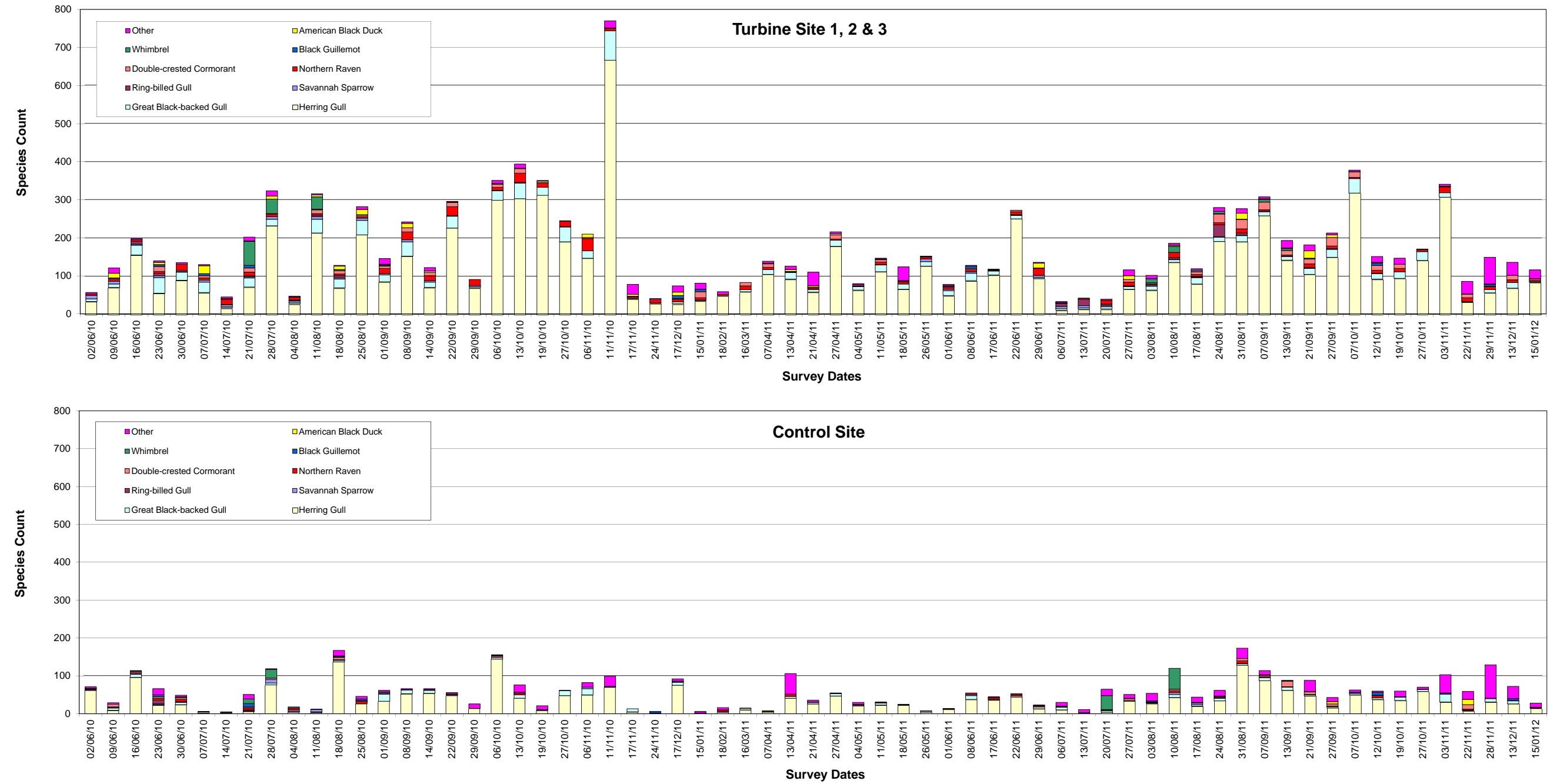


Figure A - Weekly histograms for Turbine Study Area and Control Site.

Fracflow Consultants Inc.
Summary Monthly Report

From 13-Feb-12
To 13-Feb-12
Surveys conducted on the following dates:
 13-Feb-12; Gloria Northcott

Turbine Site General Conditions

Turbine status February 13th - Rotating blades Turbine 1, 2 & 3.

Food sources No insects or berries. Community birdfeeders active.

Community activities No fisheries during February 13th survey date.

Ten (10) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 11:09 AM
Latest finish time 12:13 PM
Temperatures, C
Min -6 **Max** -6
Wind speed, km/hr
Min 30 **Max** 50

Carcass Search Date	No.	Description of Carcass
13-Feb-12	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Green-winged Teal		
Common Eider		
Harlequin Duck		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	1	
Northern Gannet		
American Coot		
Black-bellied Plover		
American Golden-plover		
Kildeer		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Purple Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	52	
Glaucous Gull		
Tern		
Great Black-backed Gull	4	
Dovekie		
Common Murre		
Black Guillemot		
Mourning Dove		
American Crow		
Northern Raven	7	
Tree Swallow		
Merlin		
Bald Eagle		
Northern Harrier		
Hawk		
American Kestrel		
American Redstart		
European Starling	20	
Warbler		

Ramea WHD Bird Monitoring Study
May 2010 to April 2012

Control Site General Conditions

Turbine status N/A

Food sources No insects or berries. Community birdfeeders active.

Community activities No fisheries during February 13th survey date.

Two (2) other individuals in area during survey.

Control surveys

Earliest start time 9:45 AM
Latest finish time 10:28 AM
Temperatures, C
Min -6 **Max** -6
Wind speed, km/hr
Min 50 **Max** 50

Carcass Search Date	No.	Description of Carcass
13-Feb-12	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck	10	
Long-tailed Duck		
Common Eider	4	
White Wing Scoter		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	2	
Northern Gannet		
Black-bellied Plover		
American Golden-plover		
Semipalmated Plover		
Whimbrel		
Greater Yellowlegs		
Purple Sandpiper		
Herring Gull	5	
Glaucous Gull		
Tern		
Great Black-backed Gull		
Dovekie	3	
Black Guillemot		
American Crow		
Northern Raven		
Horned Lark		
Merlin		
Bald Eagle		
Northern Harrier		
Hawk (unidentified)		
American Kestrel		

Species Sighted	No.	Sighting Comments
House Sparrow		
Savannah Sparrow		
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 5 species	84	

Species Sighted	No.	Sighting Comments
Savannah Sparrow		
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 5 species	24	

Species reference web sites
http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html
<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Operational comments:

START COMMENTS:

Weather conditions during the February survey were poor with snow squalls and strong (30 – 50 km/hr) northwesterly winds.

Though the results of the February survey in the turbine study area consisted of only 84 birds representing just 5 species, these results are typical of mid-winter counts (Figure A). The same is true of the control survey which tallied 24 birds representing 5 species, including 10 Black Ducks, 4 Eiders and 3 Dovekies. Herring Gulls were as usual the most abundant species counted, 6 of which flew within 100 m of Turbine 1. Two Ravens and a Cormorant also flew within 100 m of Turbine 1.

No carcasses were detected during the survey.

Report submitted:

To: Deneen Cull, Nalcor
 By: John Gale, P. Eng. , Wm. Montevocchi, Ingrid Lawlor; FFC
 Date: February 29, 2012

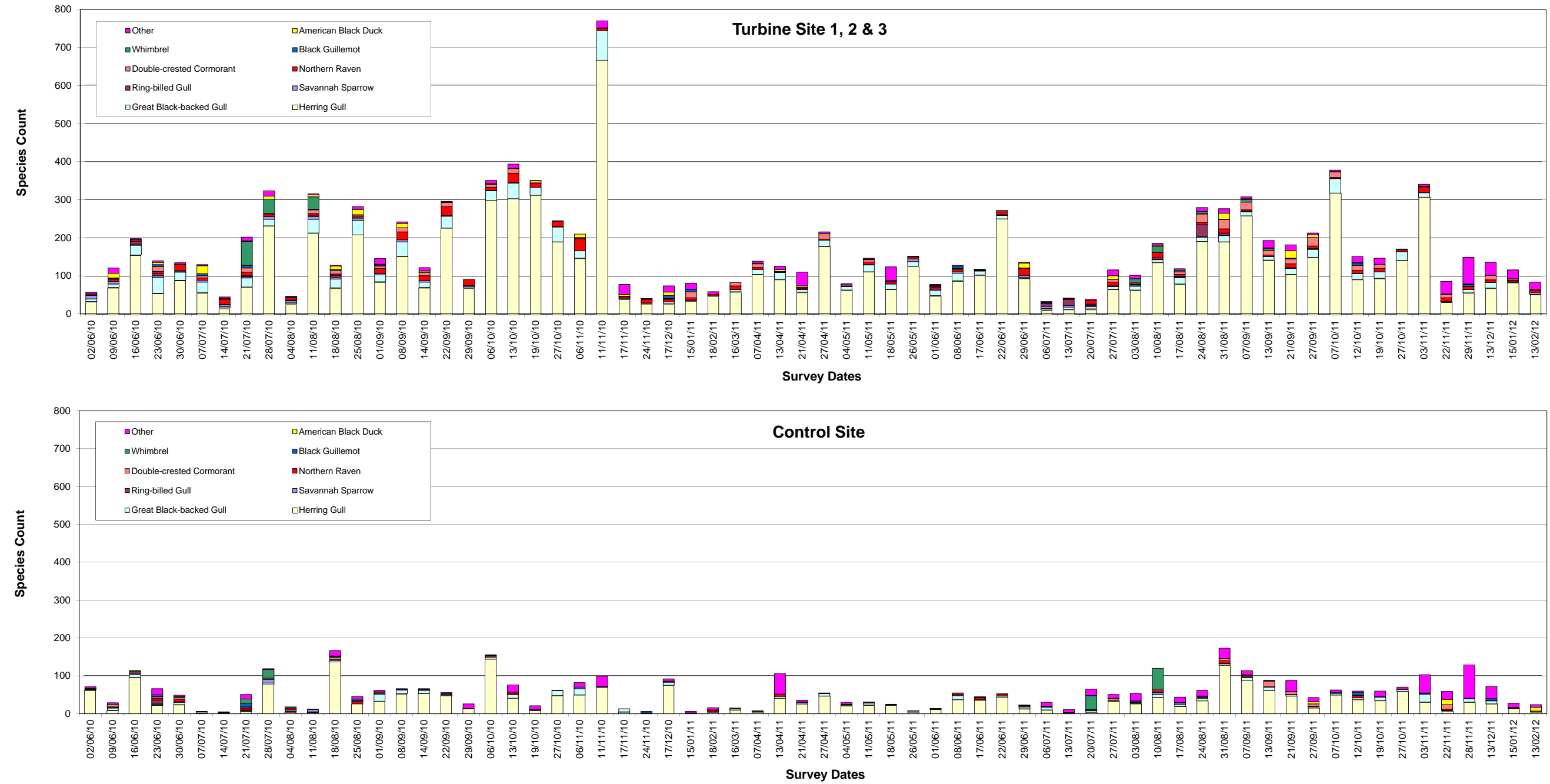


Figure A - Weekly histograms for Turbine Study Area and Control Site.

From 15-Mar-12
To 15-Mar-12

Surveys conducted on the following dates:
15-Mar-12; Gloria Northcott

Turbine Site General Conditions

Turbine status March 15th - Rotating blades Turbine 1, 2 & 3.

Food sources No insects or berries. Community birdfeeders active. No trash was dumped during the March 15th survey date and the incinerator was not operational

Community activities No fisheries during March 15th survey date.

Twenty-two (22) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 7:13 AM
Latest finish time 9:25 AM
Temperatures, C
Min -5 **Max** -5
Wind speed, km/hr
Min 40 **Max** 40

Control Site General Conditions

Turbine status N/A

Food sources No insects or berries. Community birdfeeders active. No trash was dumped during the March 15th survey date and the incinerator was not operational

Community activities No fisheries during March 15th survey date.

No other individuals in area during survey.

Control surveys

Earliest start time 10:23 AM
Latest finish time 10:42 AM
Temperatures, C
Min -5 **Max** -5
Wind speed, km/hr
Min 40 **Max** 40

Carcass Search Date	No.	Description of Carcass
15-Mar-12	0	

Carcass Search Date	No.	Description of Carcass
15-Mar-12	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Green-winged Teal		
Common Eider	2	
Harlequin Duck		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	6	
Northern Gannet		
American Coot		
Black-bellied Plover		
American Golden-plover		
Kildeer		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Purple Sandpiper		
Wilson's Snipe		
Ring-billed Gull		
Herring Gull	106	
Glaucous Gull		
Tern		
Great Black-backed Gull	2	
Dovekie		
Common Murre		
Black Guillemot		
Mourning Dove		
American Crow		
Northern Raven	9	
Tree Swallow		
Merlin		
Bald Eagle	1	
Northern Harrier		
Hawk		
American Kestrel		
American Redstart		
European Starling		
Warbler		

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck		
Long-tailed Duck		
Common Eider		
White Wing Scoter		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	1	
Northern Gannet		
Black-bellied Plover		
American Golden-plover		
Semipalmated Plover		
Whimbrel		
Greater Yellowlegs		
Purple Sandpiper	20	
Herring Gull	31	
Glaucous Gull		
Tern		
Great Black-backed Gull		
Dovekie		
Black Guillemot	1	
American Crow		
Northern Raven	6	
Horned Lark		
Merlin		
Bald Eagle		
Northern Harrier		
Hawk (unidentified)		
American Kestrel		

Species Sighted	No.	Sighting Comments
House Sparrow		
Savannah Sparrow		
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 6 species	126	

Species reference web sites

http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html

<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Species Sighted	No.	Sighting Comments
Savannah Sparrow		
Fox Sparrow		
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 5 species	59	

Operational comments:

START COMMENTS:

Spring increases in bird number and species diversity are suggested in the March survey (Figure A). For example, Herring Gull numbers more than doubled from 52 on the February survey to 106 on the March survey, though poor weather conditions during the February surveys may have acted to reduce numbers.

One Herring Gull and one Northern Raven flew with 100 m of Turbine 3.

One Bald Eagle and one American Black Duck were observed (both at >100 m).

No carcasses were detected during the survey.

Weekly surveys will be run through April, and a carcass experiment will be conducted at mid-month.

END COMMENTS

Report submitted:

To: Deneen Cull, Nalcor

By: John Gale, P. Eng., Wm. Montevecchi, Ingrid Lawlor, FFC

Date: March 30, 2012

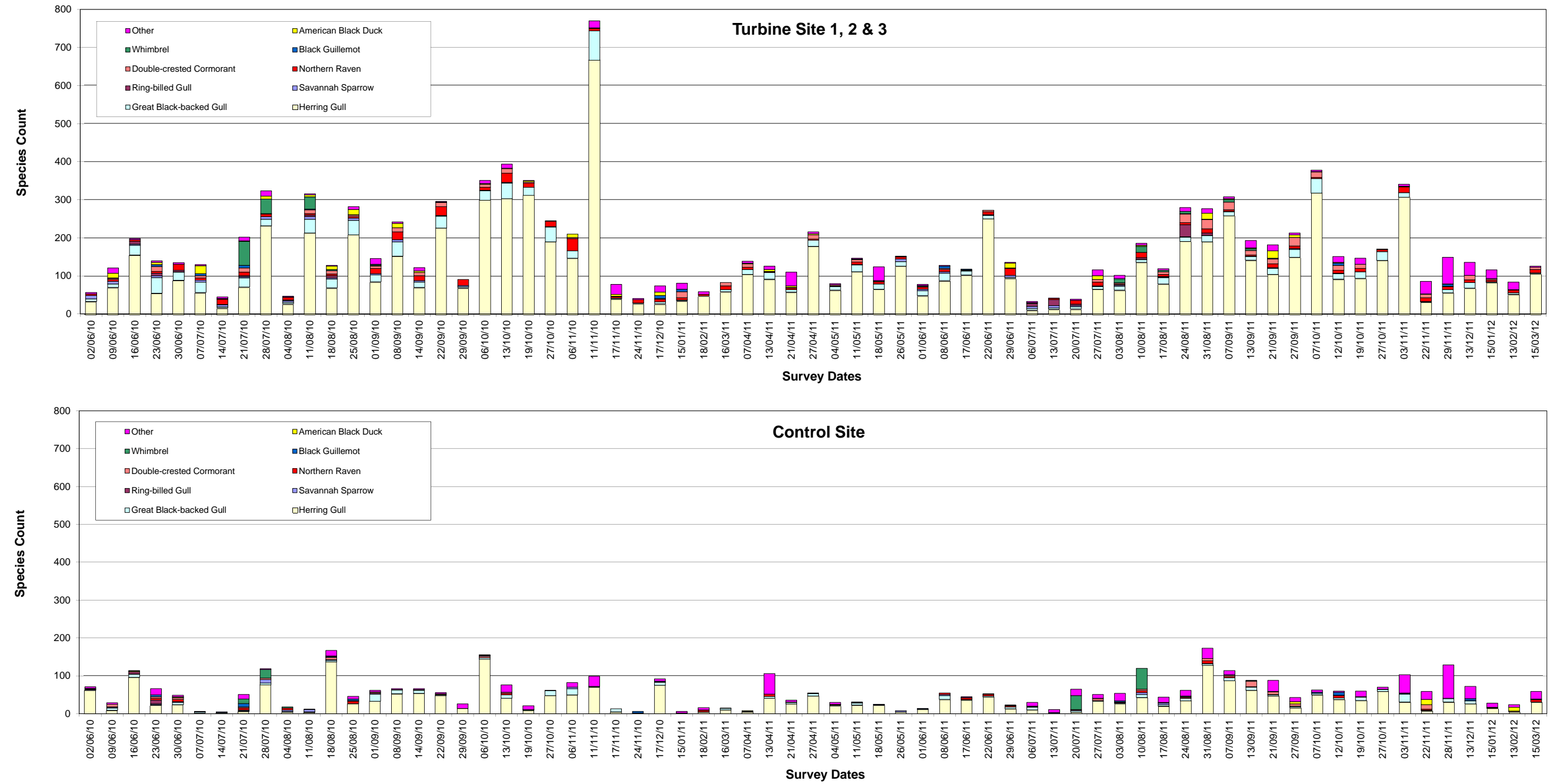


Figure A - Weekly histograms for Turbine Study Area and Control Site.

From 03-Apr-12
To 30-Apr-12

Surveys conducted on the following dates:

03-Apr-12; Gloria Northcott, 19-Apr-12, 25-Apr-12, 30-Apr-12; Richard Northcott

Turbine Site General Conditions

Turbine status Rotating blades on Turbine 1, 2 & 3 during all April 2012 survey dates.
Food sources No insects or berries. Community birdfeeders active. No trash was dumped and the incinearator was not operational during the April survey dates.
Community activities No fisheries were open during the April surveys.

Approximately eight (8) other individuals in turbine area during surveys.

Turbine surveys

Earliest start time 5:37 AM
Latest finish time 8:37 AM
Temperatures, C
Min -2 **Max** 6
Wind speed, km/hr
Min 15 **Max** 20

Carcass Search Date	No.	Description of Carcass
03-Apr-12	0	
19-Apr-12	0	
25-Apr-12	1	275°, 48m - found just the top of skull, looks like a cat or rat have been eating it; looks old with only a few black feathers. Best guess would be a Dovekie; one was missing when carcass search was conducted on Sept. 28th, 2011.
30-Apr-12	0	

Species Sighted	No.	Sighting Comments
Canada Goose		
American Black Duck	9	
Long-tailed Duck	4	
Green-winged Teal		
Common Eider	2	
Harlequin Duck		
Red-breasted Merganser		
Common Loon		
Double-crested Cormorant	32	
Northern Gannet		
American Coot		
Black-bellied Plover		
American Golden-plover		
Kildeer		
Whimbrel		
Greater Yellowlegs		
Spotted Sandpiper		
Purple Sandpiper		
Wilson's Snipe		
Ring-billed Gull	26	
Herring Gull	279	
Glaucous Gull		
Tern		
Great Black-backed Gull	39	
Dovekie		
Common Murre		
Black Guillemot	1	
Mourning Dove		
American Crow		
Northern Raven	12	
Tree Swallow		
Merlin		
Bald Eagle		
Northern Harrier		
Hawk		
American Kestrel		
American Redstart		
European Starling		
Warbler		

Control Site General Conditions

Turbine status N/A
Food sources No insects or berries. Community birdfeeders active. No trash was dumped and the incinearator was not operational during the April survey dates.
Community activities No fisheries were open during the April surveys.

Approximately four (4) other individuals in area during surveys.

Control surveys

Earliest start time 8:57 AM
Latest finish time 10:32 AM
Temperatures, C
Min -1 **Max** 6
Wind speed, km/hr
Min 15 **Max** 20

Carcass Search Date	No.	Description of Carcass
03-Apr-12	0	
19-Apr-12	0	
25-Apr-12	0	
30-Apr-12	0	

Species Sighted	No.	Sighting Comments
Canada Goose	1	
American Black Duck	8	
Long-tailed Duck		
Common Eider		
White Wing Scoter		
Red-breasted Merganser	1	
Common Loon		
Double-crested Cormorant	2	
Northern Gannet		
Black-bellied Plover		
American Golden-plover		
Semipalmated Plover		
Whimbrel		
Greater Yellowlegs		
Purple Sandpiper		
Herring Gull	59	
Glaucous Gull		
Tern		
Great Black-backed Gull	14	
Dovekie		
Black Guillemot	5	
American Crow		
Northern Raven	9	
Horned Lark		
Merlin		
Bald Eagle		
Northern Harrier		
Hawk (unidentified)		
American Kestrel		

Species Sighted	No.	Sighting Comments
House Sparrow		
Savannah Sparrow	3	
Fox Sparrow		
Song Sparrow		
Snow Bunting	31	
American Robin	1	
TOTALS - 12 species	439	

Species reference web sites

http://www.stanford.edu/group/stanfordbirds/text/species/tax_species.html

<http://www.pwrc.usgs.gov/library/bna/bnatbl.htm>

Species Sighted	No.	Sighting Comments
Savannah Sparrow		
Fox Sparrow	1	
Song Sparrow		
Snow Bunting		
American Robin		
TOTALS - 9 species	100	

Operational comments:

START COMMENTS:

Spring arriving birds are returning to the study area. Twelve species and 439 birds were recorded during the April surveys (Figure A). Savannah Sparrows were recorded on the ground on 19 April and will likely nest in the study area again during 2012.

During the April surveys, a number of birds flew or were on the ground within 50 or 100 meters of the turbines. Sixteen birds flew or were on the ground within 50 meters of a turbine, including 12 Herring Gulls, 2 Great Black-backed Gulls, 1 Ring-billed Gull and 1 Robin. Of these, 11 occurrences were near Turbine 1 and 5 near Turbine 3. Another thirty-eight birds flew or were on the ground within 100 meters of a turbine, including 17 Herring Gull, 13 Ring-billed Gulls, 5 Black Ducks, 2 Northern Ravens and 1 Great Black-backed Gull. Fourteen of these occurrences were associated with Turbine 1, 8 with Turbine 2 and 18 with Turbine 3.

During the post-survey carcass search part of the survey around turbine 3 on 25 April, Richard found the the top of a small skull with black feathers. It appeared to have been scavenged by a cat or rat. It could belong to a Dovekie specimen that was set out during carcass experiment on 28 September 2011.

END COMMENTS

Report submitted:

To: Deneen Cull, Nalcor
By: John Gale, P. Eng. , Wm. Montevecchi, Ingrid Lawlor, FFC
Date: May 2, 2012

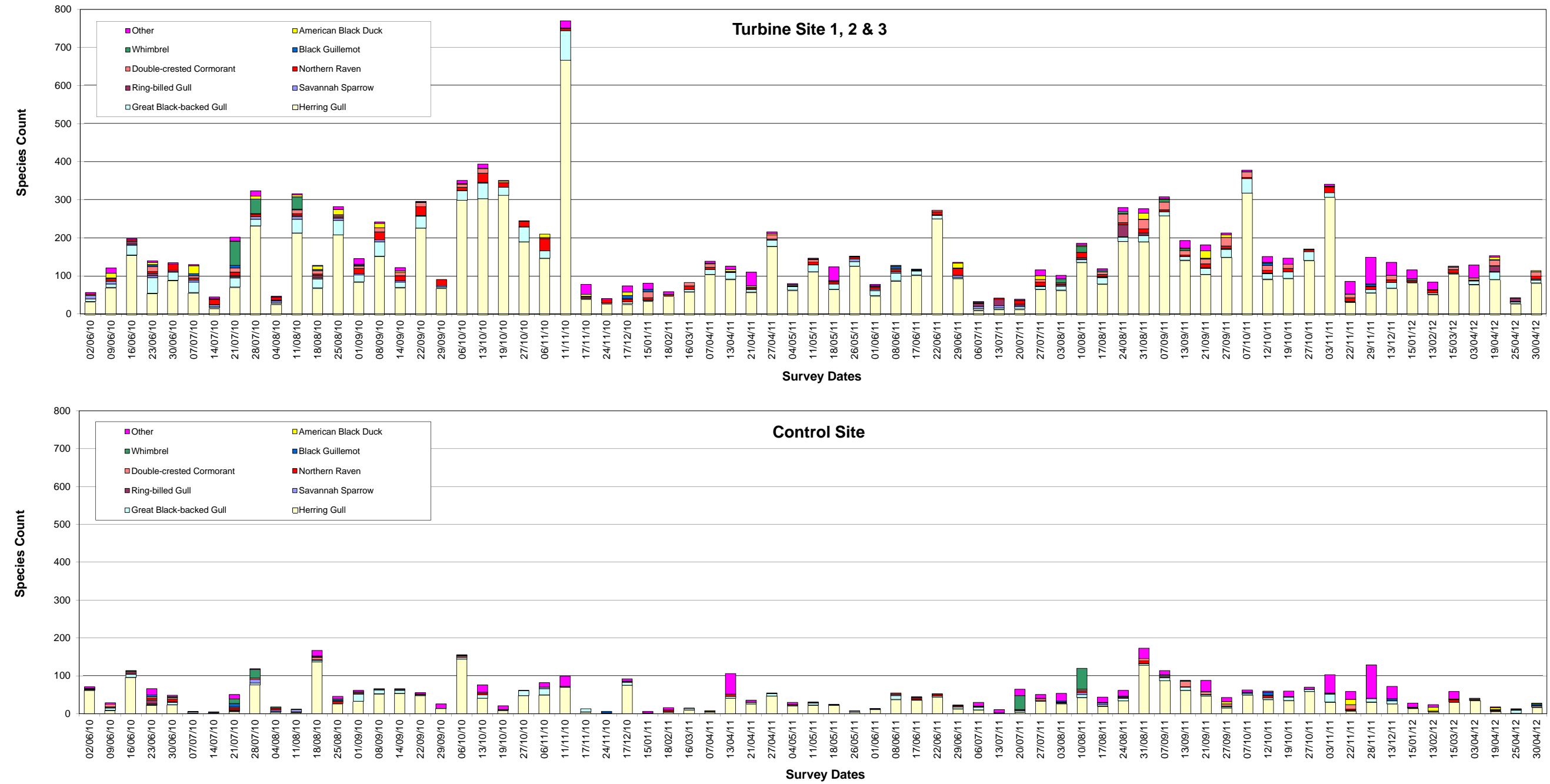


Figure A - Weekly histograms for Turbine Study Area and Control Site.

APPENDIX D

Carcass Removal Studies

RAMEA WHD BIRD MONITORING STUDY

BIRD CARCASS TEST

27 MAY 2010

Time Birds set out between 9:00 - 11:30 pm on 26 May
 Wind 15 km/h
 Wind Direction NW
 Temperature 5°C; Clear

Species	Turbine	Position from turbine [degrees; m]	Found [Yes/No]	Relocated [Yes/No]	Predator Removal	Notes
Black-leg Kittiwake	1	132; 039	Yes			
Common Murre	1	223; 034	Yes			
Bohemian Waxwing	1	249; 034	No	No	Possibly	Lost?
Blue Jay	1	262; 019	Yes			
Cedar Waxwing	1	301; 013	No	Yes		
American Robin	1	356; 009	Yes			
Yellow Warbler	2	020; 043	No	No	Yes	Ravens
Yellow-rump Warbler	2	086; 045	Yes			
Pine Grosbeak (f)	2	110; 037	No	Yes		
Tree Swallow	2	151; 046	Yes		Yes	Feathers only - Ravens.
American Robin	2	202; 043	No	Yes		
Dark-eye Junco	2	234; 026	Yes			
Pine Siskin	2	257; 031	Yes			
American Robin	2	302; 023	No	No	Yes	Ravens.
Red-breast Nuthatch	2	007; 019	No	Yes		
Philadelphia Vireo	3	096; 007	No	Yes		
American Robin	3	132; 045	No	Yes		
Common Murre	3	286; 018	Yes			
Common Murre	3	315; 029	No	No	Yes	Carcass not found - large cat seen at site yesterday.

Results:

4-5/19 carcasses removed by predators - ravens seen removing and preying on carcasses; murre carcass possibly removed by a large cat.
 9/14 carcasses recovered by bird observer (Richard Northcott).

RAMEA WHD BIRD MONITORING STUDY

BIRD CARCASS TEST

04 NOV 2010

Time Birds set out between 8:00 - 10:00 pm on 3 Nov
 Wind Calm
 Wind Direction --
 Temperature 6°C; Clear

Species	Turbine	Position from turbine [degrees; m]	Found [Yes/No]	Relocated [Yes/No]	Predator Removal	Notes
Black-leg Kittiwake	1	052; 044	Yes			
American Robin	1	040; 024	Yes			
Waxwing	1	302; 032	Yes			
Blue Jay	1	342; 001	Yes			
American Robin	2	076; 006	No	Yes	Yes	Chewed remains - mammal - dog? rat?
Yellow-rump Warbler	2	316; 035	Yes			
Pine Grosbeak (f)	2	191; 016	No	Yes		
Flycatcher	2	049; 024	No	Yes		
Common Murre	2	332; 005	Yes			
Pine Siskin	2	056; 037	No	No	Possibly	Lost?
Dark-eye Junco	2	075; 035	Yes			
Leach's Storm-Petrel	2	040; 014	Yes			
American Robin	2	063; 013	Yes	Yes	Yes	Just wings - dog predation?
Downy Woodpecker	2	036; 030	Yes			
Semi-palmated Plover	2	082; 023	No	Yes		
Leach's Storm-Petrel	3	054; 042	No	Yes		
Savannah Sparrow	3	203; 027	No	Yes		
Yellow Warbler	3	052; 002	No	No	Possibly	Carcass blew from site in strong winds during evening of 3 Nov when set out.
American Robin	3	003; 013	No	No	Possibly	Carcass fell in rock crevice around platform base; not worth setting carcasses below rock surfaces.
Savannah Sparrow	3	282; 030	No	No	Possibly	Lost?

Results:

6/20 carcasses removed by predators or lost - no Ravens in study area during search; some carcasses may have been lost (i.e. not located by observer (Richard Northcott) or researcher (Bill Montevecchi)).
 10/14 recovered by bird observer - Richard Northcott.

RAMEA WHD BIRD MONITORING STUDY

BIRD CARCASS TEST

08 MAR 2011

Time Birds set out at 9:30 pm on 07 Mar
 Wind 25 km/h
 Wind Direction South
 Temperature 2°C; Clear

Species	Turbine	Position from turbine [degrees; m]	Found [Yes/No]	Predator Removal	Relocated [Yes/No]	Notes
Green-winged Teal	1	138; 027	Yes			
American Robin	1	210; 025	Yes			
Blue Jay	1	047; 022	Yes			
Dovekie	1	296; 046	Yes			
Dovekie	1	326; 008	Yes			
Yellow-rump. Warb.	1	063; 039	Yes			
Short-eared Owl	1	099; 010	Yes			
Semi-palmated Plover	1	042; 044	Yes			
Common Murre	1	042; 002	Yes			
Leach's Storm-Petrel	1	086; 041	Yes			
Black + White Warbler	2	342; 050	Yes			
Black-leg Kittiwake	2	044; 047	Yes			
American Robin	2	073; 024	Yes			
Downy Woodpecker	2	069; 034	Yes			
Grosbeak	2	082; 023	Yes			

Results:

15 carcasses were set out randomly around Turbines 1 and 2; owing to snow and ice conditions around turbine 3, this site was deemed unsuitable for study.

All 15 carcasses were recovered by Richard Northcott; there were no predator removals.

The turbine site was snow-covered with some patchy areas. Fifteen carcasses were set out randomly around Turbines 1 and 2. No carcasses were set out around turbine 3, because its sloping rocky topography was deemed unsafe, also because we have lost carcasses there in the past when they have fallen into deep crevices in boulder substrate below Turbine 3.

Richard found all 15 of the carcasses. Though many carcasses were highly visible on the snow, none were removed by predators. The absence of predator removal contrasted with previous carcass removal studies in fall (November) and spring (May) when 20 – 30 % of the carcasses were removed from or moved by scavengers, primarily ravens.

Ravens were seen during the study but did venture close to the study area. It is possible that owing to the low number of birds that venture near the turbines during winter that raven simply do scavenge in the area. To further assess this, it will be important to continue the seasonal carcass studies through 2011 – 2012.

RAMEA WHD BIRD MONITORING STUDY

BIRD CARCASS TEST

15 JUN 2011

Time Birds set out between 10:00 -11:00 pm on 14 Jun
 Wind 20 km/h
 Wind Direction East
 Temperature 6°C; Overcast

Species	Turbine	Position from turbine [degrees; m]	Found [Yes/No]	Predator Removal	Relocated [Yes/No]	Notes
Swamp Sparrow	1	040; 028	No	Yes		Virtually impossible to detect, found after 10 min 2-person search in deep grass.
Black Guillemot	1	045; 044	Yes			
Downy Woodpecker	1	063; 039	No	Yes		
Green-winged Teal	1	272; 010	Yes			
Warbler	1	094; 029	Yes			
Green-winged Teal	1	060; 047	Yes			
White-thrtd Sparrow	1	351; 019	No	Yes		
Dovekie	1	348; 023	Yes			
Robin	1	171; 018	Yes			
Kittiwake	2	294; 008	Yes			
Semi-palmated Plover	2	223; 028	Yes			
Hawk	2	288; 021	Yes			
Storm-Petrel	2	068; 010	Yes			
Murre	2	177; 008	No	Yes		Virtually impossible to detect, found after 5 min 2-person search in deep grass.
Robin	2	125; 034	Yes			
Dovekie	2	315; 013	Yes			
Blue Jay	2	036; 034	Yes			
Grosbeak	2	099; 002	Yes			
Junco	2	209; 048	No	Yes		
Sparrow	2	137; 032	Yes			

Results:

20 carcasses were set out randomly around Turbines 1 and 2; Site at turbine 3 was deemed unsafe for study due boulder screen around base. 15 of 20 carcasses were recovered by Gloria Northcott; there were no predator removals.

Gloria found 15 of the 20 carcasses set out around Turbines 1 and 2. Note however that two of the carcasses set out in deep grass were invisible, and it took considerable grass patting and parting efforts by both Gloria and Bill M. to find these two birds. So, Gloria's recovery rate = 15/18 or 83%. No carcasses were removed by predators; no ravens were seen in the area.

Ravens were seen during the study but did venture close to the study area. It is possible that owing to the low number of birds that venture near the turbines during winter that raven simply do scavenge in the area. To further assess this, it will be important to continue the seasonal carcass studies through 2011 – 2012.

RAMEA WHD BIRD MONITORING STUDY

BIRD CARCASS TEST

28 SEP 2011

Time Birds set out between 8:00 - 11:00 pm on 27 Sept
 Wind 15 km/h
 Wind Direction Northwest
 Temperature 6°C; Cloudy

Species	Turbine	Position from turbine [degrees; m]	Found [Yes/No]	Predator Removal	Relocated [Yes/No]	Notes
Robin	1	214; 004	Yes			
Storm-Petrel	1	199; 046	No		Yes	
Kittiwake	1	294; 031	Yes			
Junco	1	348; 025	No		No	
Guillemot	1	129; 037	Yes			
Plover	1	321; 022	No		No	
Blue Jay	1	210; 008	Yes			
Swamp Sparrow	1	194; 001	No		Yes	Took 2 observers ~10 min to find cryptic bird.
Murre	1	073; 017	Yes			
Dovekie	1	297; 041	No		No	
Owl	1	136; 050	Yes			
Sparrow	2	360; 003	Yes			
Grosbeak	2	003; 023	Yes			
Sparrow	2	055; 013	Yes			
Robin	2	085; 029	No		Yes	
Hermit Thrush	2	142; 034	No		Yes	
Woodpecker	2	181; 020	Yes			
Dovekie	2	235; 037	Yes			
Flycatcher	2	073; 030	No		No	
N Waterthrush	2	211; 036	Yes			

Results:

20 carcasses were set out randomly around Turbines 1 and 2; site at Turbine 3 is no longer used as it is deemed unsafe for study due irregular boulder screen around base.

12 of 20 carcasses were recovered by Richard Northcott; while it appeared that there were no predator removals, i.e. birds in open sites such as roadways were untouched, 4 carcasses were not recovered following an extensive search by Bill Montevecchi and Richard Northcott.

The poor condition of multi-used, matted dark birds and very tall and thick autumn vegetation is responsible for the poorer than usual detection and recovery rate during the September carcass experiment. Clearly autumn is a key time for monitoring the wind turbine sites. It is the time of year when most migrants, including birds of prey move through the area, and also the most difficult time for carcass detections owing the thick tall seasonal vegetation. Some examples: 1) it took about 10 minutes to relocate a Swamp Sparrow set out at 1 m from Turbine 1; 2) some medium-sized birds were not detected (storm-petrel, robin, thrush), and 3) some relatively large birds (i.e. 2 Dovekies and a plover) were not recovered [i consider it very unlikely that these birds were removed by predators, as carcasses in the open were untouched].

RAMEA WHD BIRD MONITORING STUDY

BIRD CARCASS TEST

27 Jan 2012

Time Birds set out between 9:30 - 11:00 pm on 26 Jan
 Wind 25 km/h
 Wind Direction Southwest
 Temperature 6°C

Species	Turbine	Position from turbine [degrees; m]	Found [Yes/No]	Predator Removal	Relocated [Yes/No]	Notes
Swamp Sparrow	1	166; 033	No		No	
Grosbeak	1	098; 029	Yes			
Murre	1	072; 021	Yes			
Guillemot	1	069; 014	Yes			
Thrush	1	039; 011	Yes			
Dovekie	1	273; 040	Yes			
Blue Jay	1	238; 012	Yes			
Kittiwake	1	081; 028	Yes			
Owl	1	131; 045	Yes			
Sparrow	2	350; 026	No		Yes	
Murre	2	099; 023	Yes			
Warbler	2	312; 018	Yes			
Murre	2	267; 024	Yes			
Storm-Petrel	2	092; 022	Yes			
N Waterthrush	2	081; 033	Yes			
Junco	2	041; 018	No		Yes	
Junco	2	224; 028	No		No	
Murre	2	072; 028	Yes			
Sparrow	2	259; 012	Yes			
Storm-Petrel	2	042; 029	Yes			
Swallow	2	291; 041	Yes			

Results:

After dark on 26 January 2012, Bill and Deneen set out 21 bird carcasses randomly around Turbines 1 and 2; the site at Turbine 3 is no longer used as it is deemed unsafe for study due irregular boulder screen around base.

Around early morning light of 27 January, Richard Northcott conducted a systematic carcass search. He located 17 of 21 carcasses that were set out.

It appeared that there were no predator removals, as no Eavens were in the area and carcasses left on open roadways were left undisturbed.

Four small birds – 2 sparrows and 2 juncos were not found on the systematic search. Of these, 2 were relocated in an area search following the experiment.

In general, small dark passerine birds seem to be the most difficult to detect in these experiments, whereas large (e.g. Murre) and brightly plumaged (e.g. Blue Jay) appear to be more consistently detected. These issues will be addressed in analyses in the final report for Nalcor.

RAMEA WHD BIRD MONITORING STUDY

BIRD CARCASS TEST

17 APRIL 2012

Time Birds set out between 9:30 - 11 pm on 16 April
 Wind 25 km/h
 Wind Direction Southwest
 Temperature 6° C

Species	Turbine	Position from turbine [degrees; m]	Found [Yes/No]	Predator Removal	Relocated [Yes/No]	Notes
Yellow-rump. Warb.	1	334; 006	Yes			
Savannah Sparrow	1	358; 017	Yes			
Grosbeak	1	237; 022	No	No	Yes	
Blue Jay	1	203; 012	Yes			
N Waterthrush	1	214; 043	No		No	
Storm-Petrel	1	121; 034	Yes			
Barn Swallow	1	148; 047	Yes			
Storm-Petrel	1	239; 005	Yes			
Hermit Thrush	1	314; 013	Yes			
Murre	1	018; 020	Yes			
Hawk	1	153; 003	Yes			
Murre	2	153; 006	Yes			
Flycatcher	1	077; 030	No		Yes	
Sparrow	2	131; 032	Yes			
Murre	2	334; 035	Yes			
Black-leg Kittiwake	2	197; 021	Yes			
Pine Siskin	2	302; 035	No		No	Predation unlikely.
Dovekie	2	178; 038	Yes			
Black Guillemot	2	306; 026	Yes			
Murre	2	323; 045	Yes			

Results:

Twenty bird carcasses were set out around Turbines 1 and 2 after dark on 16 April 2012 (the site at Turbine 3 is no longer used as it is deemed unsafe for study due to irregular boulder screen around its base).

During the early morning light of 17 April, Gloria Northcott conducted a systematic carcass search. She located 16 of 20 carcasses that were set out.

It appeared that there were no predator removals, as no ravens were in the area and carcasses left on open roadways were left undisturbed.

During her search, Ms. Northcott also recovered the head of a robin. This partially scavenged specimen is likely a remnant of a robin that was set out on the November 2010 experiment and was not recovered.

Four small dark birds – a grosbeak, a flycatcher, a Northern Waterthrush and a Pine Siskin were not found on the systematic search. Of these, 2 were relocated in an area search following the experiment.

In general, small dark passerine birds seem to be the most difficult to detect in these experiments, whereas large (e.g. murre) and brightly plumaged (e.g. Blue Jay) birds appear to be more consistently detected. These issues will be addressed in analyses in the final report for Nalcor.