

3.3.2 Results

Point count surveys were conducted on June 30 and July 7, 2006. Each point was surveyed twice, for a total of 40 survey periods. A total of 1080 individual birds were observed in 425 groups (Table 3). Fifty-nine species were observed during the surveys. European starling, red-winged blackbird, and bobolink were the most common passerines observed based on mean use estimates (number observed within 400 m per 3-minute survey). The majority of the species recorded during breeding bird surveys are species commonly associated with agriculture, grasslands, and/or edge habitat. Several species of interest were recorded during the breeding bird surveys including northern harrier, a New York state threatened species; horned lark and grasshopper sparrow, two New York state species of concern; and bobolink and wood thrush, two species on the USFWS 2002 Birds of Conservation Concern list for the Lower Great Lakes/St. Lawrence Plain region.

Table 3. Avian species observed during breeding bird surveys within the St. Lawrence Windpower project area.

Species/Group	# of individuals	# of groups	Mean Use
Waterbirds			
Great blue heron	4	4	0.1
Green heron	1	1	0.025
Ring-billed gull	47	6	1.175
Unidentified gull	38	2	0.95
Waterfowl			
Canada goose	27	4	0.675
Mallard	2	1	0.05
Shorebirds			
Killdeer	16	10	0.4
Raptors/Vultures			
American kestrel	2	2	0.05
Northern harrier ^T	4	3	0.1
Red-tailed hawk	4	3	0.1
Turkey vulture	9	7	0.225
Passerines			
American crow	53	11	1.325
American goldfinch	23	15	0.575
American robin	30	25	0.75
Baltimore oriole	6	3	0.15
Barn swallow	23	6	0.575
Black-capped chickadee	5	3	0.125
Blue jay	2	2	0.05
Bobolink ^{BCC}	76	32	1.9
Brown-headed cowbird	11	4	0.275

Species/Group	# of individuals	# of groups	Mean Use
Cedar waxwing	4	1	0.1
Chestnut-sided warbler	1	1	0.025
Common grackle	29	3	0.725
Common yellowthroat	29	20	0.725
Eastern bluebird	2	2	0.05
Eastern kingbird	4	3	0.1
Eastern meadowlark	32	28	0.8
Eastern towhee	1	1	0.025
Eastern tufted titmouse	1	1	0.025
Eastern wood pewee	5	5	0.125
<i>Empidonax</i> spp.	1	1	0.025
European starling	235	19	5.875
Grasshopper sparrow ^{SC}	1	1	0.025
Gray catbird	6	5	0.15
Horned lark ^{SC}	6	2	0.15
House wren	3	3	0.075
Indigo bunting	1	1	0.025
Northern cardinal	2	1	0.05
Ovenbird	11	11	0.275
Red-eyed vireo	7	7	0.175
Red-winged blackbird	136	49	3.4
Rose-breasted grosbeak	1	1	0.025
Savannah sparrow	37	26	0.925
Scarlet tanager	2	2	0.05
Song sparrow	48	35	1.2
Tree swallow	13	3	0.325
Unidentified passerine	1	1	0.025
Unidentified sparrow	1	1	0.025
Veery	1	1	0.025
Willow flycatcher	4	4	0.1
Wood thrush ^{BCC}	6	5	0.15
Yellow warbler	31	18	0.775
Upland Gamebirds			
Ruffed grouse	1	1	0.025
Wild turkey	4	1	0.1
Doves			
Mourning dove	10	6	0.25
Rock pigeon	14	5	0.35
Other Birds			
Hairy woodpecker	1	1	0.025
Northern flicker	2	2	0.05
Unidentified woodpecker	3	3	0.075
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All Birds	1080	425	

T = State listed threatened

SC = State listed species of special concern