

Table 3-14 (Sheet 1 of 2)

**Birds Observed During Audubon Christmas Bird Counts for Watertown, NY (NYWA)  
for Count Years 105 and 106 (12/2004-1/2005 and 12/2005-1/2006)<sup>1</sup>**

Common Name	Scientific name	Survey Date	
		18 Dec 2004 (41 hrs)	28 Dec 2005 (31 hrs)
Snow Goose	<i>Chen caerulescens</i>	11	--
Canada Goose	<i>Branta canadensis</i>	4523	913
Tundra Swan	<i>Cygnus columbianus</i>	--	7
American Black Duck	<i>Anas rubripes</i>	16	3
Mallard	<i>Anas platyrhynchos</i>	407	84
Greater Scaup	<i>Aythya marila</i>	4	--
Long-tailed Duck	<i>Clangula hyemalis</i>	4	--
Common Goldeneye	<i>Bucephala clangula</i>	1	170
Hooded Merganser	<i>Lophodytes cucullatus</i>	14	--
Common Merganser	<i>Mergus merganser</i>	39	100
Ring-necked Pheasant	<i>Phasianus colchicus</i>	--	2
Ruffed Grouse	<i>Bonasa umbellus</i>	--	1
Wild Turkey	<i>Meleagris gallopavo</i>	93	290
Great Blue Heron (Blue form)	<i>Ardea herodias</i>	--	2
Bald Eagle	<i>Haliaeetus leucocephalus</i>	1	2
Northern Harrier	<i>Circus cyaneus</i>	17	--
Sharp-shinned Hawk	<i>Accipiter striatus</i>	2	2
Cooper's Hawk	<i>Accipiter cooperii</i>	3	3
Accipiter sp.	<i>Accipiter</i>	--	1
Red-tailed Hawk	<i>Buteo jamaicensis</i>	52	84
Rough-legged Hawk	<i>Buteo lagopus</i>	13	11
American Kestrel	<i>Falco sparverius</i>	1	3
Ring-billed Gull	<i>Larus delawarensis</i>	34	11
Herring Gull	<i>Larus argentatus</i>	38	17
Great Black-backed Gull	<i>Larus marinus</i>	14	12
Rock Pigeon	<i>Columba livia</i>	547	1002
Mourning Dove	<i>Zenaida macroura</i>	284	638
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	2	2
Downy Woodpecker	<i>Picoides pubescens</i>	15	13
Hairy Woodpecker	<i>Picoides villosus</i>	6	7
Northern Flicker	<i>Colaptes auratus</i>	--	5
Pileated Woodpecker	<i>Dryocopus pileatus</i>	1	1
Northern Shrike	<i>Lanius excubitor</i>	2	6
Blue Jay	<i>Cyanocitta cristata</i>	74	163
American Crow	<i>Corvus brachyrhynchos</i>	2601	1330
Common Raven	<i>Corvus corax</i>	1	4
Horned Lark	<i>Eremophila alpestris</i>	55	120
Black-capped Chickadee	<i>Poecile atricapillus</i>	227	206
Tufted Titmouse	<i>Baeolophus bicolor</i>	1	--

**Table 3-14 (Sheet 2 of 2)**  
**Birds Observed During Audubon Christmas Bird Counts for Watertown, NY (NYWA)**  
**for Count Years 105 and 106 (12/2004-1/2005 and 12/2005-1/2006)<sup>1</sup>**

Common Name	Scientific name	Survey Date	
		18 Dec 2004 (41 hrs)	28 Dec 2005 (31 hrs)
Red-breasted Nuthatch	<i>Sitta Canadensis</i>	1	1
White-breasted Nuthatch	<i>Sitta carolinensis</i>	18	18
Eastern Bluebird	<i>Sialia sialis</i>	--	2
American Robin	<i>Turdus migratorius</i>	181	2
European Starling	<i>Sturnus vulgaris</i>	931	1672
Cedar Waxwing	<i>Bombycilla cedrorum</i>	32	--
American Tree Sparrow	<i>Spizella arborea</i>	69	121
White-throated Sparrow	<i>Zonotrichia albicollis</i>	--	3
Dark-eyed (Slate-colored) Junco	<i>Junco hyemalis</i>	14	20
Lapland Longspur	<i>Calcarius lapponicus</i>	--	3
Snow Bunting	<i>Plectrophenax nivalis</i>	614	51
Northern Cardinal	<i>Cardinalis cardinalis</i>	31	41
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	1	--
Brown-headed Cowbird	<i>Molothrus ater</i>	1	--
House Finch	<i>Carpodacus mexicanus</i>	145	66
American Goldfinch	<i>Carduelis tristis</i>	46	35
House Sparrow	<i>Passer domesticus</i>	373	711
<i>Total Number of Species</i>		47	47

<sup>1</sup> Source: National Audubon Society (2002). The Christmas Bird Count Historical Results [Online].

Canada geese, American crows, European starlings, rock doves, and house sparrows. It is important to note that the Audubon Christmas Bird Counts were conducted in different areas than the Project Area surveys and reflect different years, locations, and habitats. However, they provide a general indication of birds that might be expected in the area absent site-specific data.

Winter surveys were conducted for SLW in 2006-2008 within the proposed Project Area. All waterfowl and raptor observations were plotted for six fixed survey points (Appendix E – Avian and Bat Studies). In addition, other large birds such as waterbirds, upland game birds, and species of interest were also recorded during the surveys. Survey results are presented in Table 3-15. Mean use is calculated as the number of individuals observed within 800 meters of the survey point per 60-minute survey. Frequency of occurrence is calculated as the percent of surveys in which a species was observed.

In comparison, a total of 2,230 individuals in 280 groups of waterbirds, waterfowl, and raptors were recorded during the 2004-2005 and 2005-2006 Audubon Christmas Bird Count surveys (Table 3-14), while Project surveys counted 2,867 individuals in 417 groups (Table 3-15). Four species of waterfowl (all gull species), five species of waterfowl, and ten species of raptors