

**Table 1.** Raptors and other large bird species observed while conducting diurnal migrant surveys at the St. Lawrence Windpower project area.

| Species/Group                    | Spring 2006 |            |                       |                     | Fall 2006   |            |          |        |
|----------------------------------|-------------|------------|-----------------------|---------------------|-------------|------------|----------|--------|
|                                  | # ind       | # groups   | mean use <sup>2</sup> | % freq <sup>3</sup> | # ind       | # groups   | mean use | % freq |
| <b>Waterbirds</b>                |             |            |                       |                     |             |            |          |        |
| Great blue heron                 | 4           | 4          | 0.33                  | 25.0                | 1           | 1          | 0.03     | 3.3    |
| Herring gull                     | 19          | 3          | 1.58                  | 16.7                | 0           | 0          | 0        | 0      |
| Ring-billed gull                 | 317         | 9          | 26.42                 | 50.0                | 634         | 33         | 21.1     | 33.3   |
| Unidentified gull                | 879         | 15         | 73.25                 | 66.7                | 6421        | 38         | 214.03   | 50.0   |
| <b>Waterfowl</b>                 |             |            |                       |                     |             |            |          |        |
| Canada goose                     | 197         | 6          | 16.4                  | 50.0                | 927         | 51         | 30.9     | 60.0   |
| Double-crested cormorant         | 2           | 1          | 0.17                  | 8.3                 | 0           | 0          | 0        | 0      |
| Unidentified duck                | 40          | 2          | 3.33                  | 16.7                | 0           | 0          | 0        | 0      |
| Mallard                          | 0           | 0          | 0                     | 0                   | 1           | 1          | 0.03     | 3.3    |
| <b>Raptors</b>                   |             |            |                       |                     |             |            |          |        |
| <i>Accipiters</i>                |             |            |                       |                     |             |            |          |        |
| Sharp-shinned hawk <sup>SC</sup> | 5           | 3          | 0.42                  | 25.0                | 3           | 3          | 0.1      | 10.0   |
| Cooper's hawk <sup>SC</sup>      | 0           | 0          | 0                     | 0                   | 4           | 4          | 0.13     | 13.3   |
| Unidentified accipiter           | 5           | 5          | 0.42                  | 33.3                | 0           | 0          | 0        | 0      |
| <i>Buteos</i>                    |             |            |                       |                     |             |            |          |        |
| Broad-winged hawk                | 7           | 7          | 0.58                  | 33.3                | 6           | 3          | 0.2      | 6.7    |
| Red-tailed hawk                  | 8           | 7          | 0.67                  | 50.0                | 43          | 37         | 1.43     | 63.3   |
| Rough-legged hawk                | 2           | 2          | 0.17                  | 16.7                | 12          | 8          | 0.4      | 23.3   |
| Unidentified buteo               | 4           | 3          | 0.33                  | 25.0                | 0           | 0          | 0        | 0      |
| <i>Falcons</i>                   |             |            |                       |                     |             |            |          |        |
| American kestrel                 | 1           | 1          | 0.08                  | 8.3                 | 11          | 9          | 0.37     | 26.7   |
| Merlin                           | 0           | 0          | 0                     | 0                   | 2           | 2          | 0.07     | 6.7    |
| <i>Eagles</i>                    |             |            |                       |                     |             |            |          |        |
| Bald eagle <sup>FT</sup>         | 0           | 0          | 0                     | 0                   | 1           | 1          | 0.03     | 3.3    |
| <i>Other Raptors</i>             |             |            |                       |                     |             |            |          |        |
| Northern harrier <sup>ST</sup>   | 6           | 6          | 0.5                   | 41.7                | 87          | 65         | 2.9      | 90.0   |
| Osprey <sup>SC</sup>             | 2           | 2          | 0.17                  | 16.7                | 0           | 0          | 0        | 0      |
| Turkey vulture                   | 51          | 31         | 4.25                  | 83.3                | 119         | 53         | 3.97     | 40.0   |
| <b>Other Birds</b>               |             |            |                       |                     |             |            |          |        |
| American crow                    | 31          | 11         | 2.58                  | 50.0                | 193         | 86         | 6.43     | 80.0   |
| Common raven                     | 0           | 0          | 0                     | 0                   | 3           | 3          | 0.1      | 10.0   |
| Common snipe                     | 0           | 0          | 0                     | 0                   | 9           | 4          | 0.3      | 13.3   |
| Ring-necked pheasant             | 0           | 0          | 0                     | 0                   | 1           | 1          | 0.03     | 3.3    |
| Wild turkey                      | 0           | 0          | 0                     | 0                   | 42          | 2          | 1.4      | 6.7    |
| <b>Total</b>                     | <b>1147</b> | <b>118</b> |                       |                     | <b>7108</b> | <b>406</b> |          |        |

FT = Federal threatened ST = State threatened SC = State listed species of special concern

<sup>2</sup> Mean use = number observed within 800 m of survey point per 60-min survey

<sup>3</sup> Frequency of occurrence = percent of surveys in which species was observed