

APPENDIX 14-I

Significant Wildlife Habitat at the Base Case and Project Case in the Local Study Area

APPENDIX 14-I SIGNIFICANT WILDLIFE HABITAT AT THE BASE CASE AND PROJECT CASE IN THE LOCAL STUDY AREA

Table 14-I-1: Significant Wildlife Habitat at the Base Case and Project Case in the Wildlife and Wildlife Habitat Local Study Area

Significant Wildlife Habitat Classification ^(a)	Base Case Area (ha)	Project Case Area (ha)	Change in Area from Base Case (ha)	Percent Change from Base Case (%)
Winter deer yards ^(b)	2	2	0	0.0
Moose late winter habitat	720	698	-22	-3.1
Colonial bird nesting sites	18,638	17,885	-754	-4.0
Waterfowl stopover and staging areas	0	0	0	0.0
Waterfowl nesting	15,517	14,932	-585	-3.8
Shorebird migratory stopover areas	56	56	0	0.0
Landbird migratory stopover areas	23,141	22,687	-454	-2.0
Raptor winter feeding and roosting areas ^(c, d)	446	445	-1	-0.2
Turkey vulture summer roosting areas	164	158	-5	-3.2
Reptile hibernacula	6,294	6,073	-221	-3.5
Bat hibernacula	78	76	-3	-3.2
Rare forest types	N/A	N/A	N/A	N/A
Talus slopes ^(c)	164	158	-5	-3.2
Rock barrens ^(c)	81	78	-2	-2.9
Great Lakes dunes ^(c)	56	56	0	0.0
Forest stands providing a diversity of habitats	N/A	N/A	N/A	N/A
Old-growth or mature forest stands ^(c)	98,036	96,074	-1,962	-2.0
Foraging areas with abundant mast	564	466	-98	-17.4
Woodlands supporting amphibian breeding ponds	6,149	5,935	-214	-3.5
Turtle nesting habitat	2	1	<1	-5.2
Raptor nesting habitat	2,879	2,853	-25	-0.9
Moose calving areas	118	118	0	0.0
Moose aquatic feeding areas	561	560	-1	-0.2
Mink, otter, marten, and fisher denning sites	6	3	-3	-46.5
Areas of high diversity	35,010	34,378	-632	-1.8
Cliffs	164	159	-6	-3.4
Seeps and springs	<1	<1	<1	100
Habitat of species of conservation concern	446	441	-5	-1.2
Total	209,292	204,294	-4,998	-2.4

Note: Numbers are rounded for presentation purposes. Therefore, it may appear that the totals do not equal the sum of the individual values.

a) The area summaries are derived from spatial data obtained from Ministry of Natural Resources and Forestry, Land Information Ontario database, or from baseline field surveys conducted for the East-West Tie Transmission Project, unless otherwise indicated.

b) Spatial data obtained from landowner.

c) Spatial data derived from Forest Resources Inventory (FRI).

d) Includes open fields, pastures, and meadows.

<= less than; N/A = No available data.