

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 Baseline Characterization and Net Effects Assessment in the Wildlife and Wildlife Habitat Local Study Area

Significant Wildlife Habitat Category	Significant Wildlife Habitat Classification ^(a)	Baseline Characterization Area	Net Effects Assessment Area	Change in Area from Baseline Characterization	Percent Change from Baseline Characterization
		(ha)	(ha)	(ha)	(%)
Animal Movement Corridor	Caribou travel corridor	278	271	-7	-2.5
Habitat of Seasonal Concentration	Bat hibernacula (candidate)	1,052	1,011	-41	-3.9
	Colonial bird nesting habitat	17,958	17,340	-618	-3.4
	Landbird migratory stopover areas	1,417	1,411	-6	-0.4
	Moose late winter habitat	2,573	2,526	-47	-1.8
	Raptor winter feeding and roosting areas ^(b, c)	446	447	1	0.2
	Shorebird migratory stopover areas	56	56	0	0.0
	Waterfowl stopover and staging areas	0	0	0	0.0
	Wildlife tree	4	4	0	0.0
	Winter deer yards ^(d)	302	302	0	0.0
	Habitat of species of conservation concern (vegetation)	1,711	1,675	-36	-2.1
Habitat of species of conservation concern (wildlife) ^(e)	648	624	-24	-3.7	
Highly Diverse Areas	Cliffs	164	162	-2	-1.3
	Seeps and springs	<1	0	<1	-100.0
Rare Vegetation Community	Great Lakes dunes ^(b)	1	1	0	0.0
	Rare forest types	1	1	0	0.0
	Rock barrens ^(b)	82	79	-2	-2.9
	Talus slopes ^(b)	1	<1	<1	-35.6
Specialized Habitats for Wildlife	Breeding bird habitat	19	16	-4	-18.2
	Caribou nursery areas	5,789	5,649	-140	-2.4
	Caribou wintering areas	5,790	5,650	-140	-2.4
	Foraging areas with abundant mast	547	456	-92	-16.8
	Marshbird breeding habitat	143	134	-9	-6.6
	Mink, otter, marten, and fisher denning sites	20	15	-4	-21.9
	Moose aquatic feeding areas	240	217	-22	-9.4
	Moose calving areas	348	348	0	0.0
	Old-growth or mature forest stands ^(b)	81,390	79,922	1,468	-1.8
	Osprey foraging area	22	22	0	-0.8
	Raptor nesting habitat	1,185	1,156	-29	-2.5
	Turtle nesting habitat	2	2	0	0.0
	Turtle wintering habitat	1,438	1,375	-63	-4.4
	Waterfowl nesting area	14,871	14,387	-484	-3.3
	Woodlands supporting amphibian breeding ponds	8,472	8,211	-261	-3.1
Total		146,970	143,472	-3,498	-2.4

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 derived from Forest Resources Inventory.

c) Includes open fields, pastures, and meadows.

d) Includes spatial data obtained from a landowner.

e) Includes 25 ha of Category 1, 2, and 3 eastern-whip-poor-will habitat

ha = hectares; <= less than; - = negative; n/a = No available data; % = percent.