

Great Lakes/St. Lawrence Plain region). Winter raptor surveys did not record short-eared owls; however, two stated listed species of concern, Cooper's hawk and sharp-shinned hawk, were documented.

### 3.3.7.2 Potential Impact

Potential effects associated with major construction projects on threatened and endangered species include both direct and indirect effects. Direct effects are results of the proposed action and would include effects such as loss of habitat and mortality of individuals. Indirect effects are those caused by the proposed action that are reasonably certain to occur and may include effects such as disturbance and/or displacement of individuals, change in habitat suitability or habitat degradation, and change in population density or distribution. Effects may be temporary (short-term), for example during the project construction period, or long-term, such as effects arising from long-term operation and maintenance of the facility (Table 3-17). Also, effects may be cumulative, arising from the total impact of development, management, and use of the surrounding land.

**Table 3-17**  
**Potential Impacts to Threatened and Endangered Species from the Project**

Impact Duration	Impact Type	
	Direct	Indirect
Short-Term (e.g., during construction)	<ul style="list-style-type: none"> <li>• Temporary loss of habitat from construction areas that will be reclaimed</li> <li>• Potential mortality from construction or related activity.</li> </ul>	<ul style="list-style-type: none"> <li>• Prohibiting or altering (displacement) use of the area due to construction activity.</li> <li>• Altering or disturbing species behavior patterns due to construction activity.</li> </ul>
Long-Term (e.g., during project operation and maintenance)	<ul style="list-style-type: none"> <li>• Permanent loss of habitat to wind project.</li> <li>• Potential mortality due to wind plant operation.</li> </ul>	<ul style="list-style-type: none"> <li>• Prohibiting or altering (displacement) use of the area due to the wind project.</li> <li>• Altering or disturbing species behavior patterns due to wind project operation.</li> <li>• Altering or changing species distribution patterns due to the wind project.</li> </ul>

**Plants:** Michigan lily and autumnal water-starwort have not been documented within the Project Area during wetlands surveys. Suitable habitat for these species within the Project Area is either limited or not available, as the site is primarily agricultural land with limited undisturbed wetland and aquatic habitats to support these species. As wetlands have been avoided or minimized, impacts to Michigan lily and autumnal water-starwort are not anticipated.