



#### 4. RECORDS REVIEW PURPOSE

A records review was completed, consistent with Section 30 of *Ontario Regulation 359/09*, for the project location (see **Figures 2a** through **2d**) using secondary source information.

Section 30 of *Ontario Regulation 359/09* states a natural heritage assessment for a renewable energy facility includes a records review to search for and determine whether the project location is:

- In a water body
- Within 120 metres of the average annual high water mark of a lake, other than a Lake Trout lake that is at or above development capacity
- Within 300 metres of the average annual high water mark of a Lake Trout lake that is at or above development capacity
- Within 120 metres of the average annual high water mark of a permanent or intermittent stream; or,
- Within 120 metres of a seepage area.

Under *Ontario Regulation 359/09*, the definition of a water body includes lakes, permanent and intermittent streams and seepage areas, but does not include:

- Grassed waterways
- Temporary channels for surface drainage, such as furrows or shallow channels that can be tilled and driven through
- Rock chutes and spillways
- Roadside ditches that do not contain a permanent or intermittent stream;
- Temporary ponded areas that are normally farmed
- Dugout ponds; or,
- Artificial bodies of water intended for the storage, treatment or recirculation of runoff from farm animal yards, manure storage facilities and site and outdoor confinement areas.

**Table 1** outlines the secondary sources of information used to conduct the natural heritage features records review.



**Table 1: Records and Resources Searched and Analyzed During Records Review**

Record Source		Records Requested and/or Reviewed
<b>Ministry of Natural Resources</b>		
District Office: Midhurst		Contact: Whitney Moore, Renewable Energy Planning Ecologist
Date of Request: April 2010	Date of Data Receipt: May 2011	<ul style="list-style-type: none"> <li>Records relating to natural features, fisheries and wildlife species</li> </ul>
Manuals/Guidelines		Natural Heritage Reference Manual, Second Edition, March 2010
Land Information Ontario (LIO), data requested/accessed April 2011		Significant Wildlife Habitat Technical Guide (2000), Appendices and Decision Support Tool
Ontario Crown Land Use Policy Atlas, online data accessed April 2011		<ul style="list-style-type: none"> <li>Interactive Online Mapping Tool</li> <li>Warehouse Data (see <b>Appendix B</b> for data layers obtained)</li> <li>Crown Land areas</li> </ul>
<b>Conservation Authority</b>		
Nottawasaga Valley Conservation Authority (NVCA)		Contact: Ian Ockenden, Watershed Monitoring Specialist
Date of Request: April 20, 2010	Date of Data Receipt: May 10, 2010	<ul style="list-style-type: none"> <li>Records relating to natural features, water bodies, aquatic and wildlife species</li> <li>Relevant studies undertaken in area of project location</li> </ul>
Grand River Conservation Authority (GRCA)		Contact: Kevin Tupman, Natural Heritage Specialist
Date of Request: May 2010	Date of Data Receipt: No relevant data available	<ul style="list-style-type: none"> <li>Records relating to natural features and wildlife species</li> </ul>
Manuals/Guidelines/Reports		Pine River Subwatershed Report Card, 2007; Mad River Subwatershed Report Card, 2007; Nottawasaga Source Water Protection Assessment Report, 2011; Grand River Source Water Protection Assessment Report, 2011
<b>Municipality</b>		
Lower-Tier Municipality: Township of Melancthon		<ul style="list-style-type: none"> <li>Official Plan and mapping Schedules reviewed</li> <li>Municipal Drain Mapping Received</li> </ul>
Lower-Tier Municipality: Township of Shelburne		<ul style="list-style-type: none"> <li>Official Plan and mapping Schedules reviewed</li> </ul>
Lower-Tier Municipality: Township of Amaranth		<ul style="list-style-type: none"> <li>Official Plan and mapping Schedules reviewed</li> </ul>



**Table 1: Records and Resources Searched and Analyzed During Records Review**

<b>Record Source</b>	<b>Records Requested and/or Reviewed</b>
Lower-Tier Municipality: Township of Mono	<ul style="list-style-type: none"> <li>Official Plan and mapping Schedules reviewed</li> </ul>
Lower-Tier Municipality: Township of Mulmur	<ul style="list-style-type: none"> <li>Official Plan and mapping Schedules reviewed</li> </ul>
<b>Planning Authorities and Local Boards</b>	
Municipal Planning Authority	See Above
Local Planning Board	Not applicable in project location
Local Roads Board	Not applicable in project location
Local Services Board	Not applicable in project location
<b>Other Resources</b>	
Distribution of Fish and Mussel Species at Risk Mapping for NVCA and GRCA	Fisheries and Oceans Canada (2011) mapping of occurrences of federally listed <i>Endangered, Threatened and Special Concern</i> fish and mussel species
Great Lakes Conservation Blueprint for Aquatic Biodiversity. Volume 2: Tertiary Watershed Summaries	Phair <i>et al.</i> 2005. Produced by the Nature Conservancy of Canada <ul style="list-style-type: none"> <li>Summary of statistics and land use relating to water bodies in each watershed</li> </ul>
<b>Provincial Plan Area Records</b>	
Niagara Escarpment Commission	Project location does not fall within the Niagara Escarpment Plan Area
Oak Ridges Conservation Plan Area	Project location does not fall within the Oak Ridges Conservation Plan Area
Greenbelt Plan Area	Project location does not fall within the Greenbelt Plan Area
Lake Simcoe Protection Plan	Project location does not fall within the Lake Simcoe Protection Area