

Ballantrae – Musselman Lake Long-Term Water Supply
The Regional Municipality of York Region
Municipal Class Environmental Assessment

Minister's Review of Issues Raised by Requester

Issue	Response and Analysis
<p>Concern that the proposed project will impact the requester's private drinking water well and reduce available drinking water.</p>	<p>The Ballantrae-Musselman Water Supply system consists of three municipal drinking water wells that draw water from a deep aquifer known as the Scarborough Aquifer Complex. York Region is proposing to increase water takings from the existing wells from a maximum of 4,580 m³/day to a maximum of 5,420 m³/day.</p> <p>The requester's concern is that the proposed increase in water taking will impact the water supply in their private drinking water well, which draws water from a shallow aquifer in the study area, known as the Oak Ridges Aquifer Complex.</p> <p>During the class environmental assessment process, York Region undertook a detailed Hydrogeological Impact Assessment to assess potential impacts to groundwater and private wells in the area. This assessment determined that the Scarborough Aquifer Complex and the Oak Ridges Aquifer Complex are effectively hydraulically separated.</p> <p>The ministry reviewed the project and technical studies in detail during the planning process and do not have concerns that the quantity of water will be reduced in the shallow aquifer. York Region will also be required to amend their existing permit to take water from the ministry, which will require additional hydrogeology work to be completed during detailed design and will further assess the potential impacts of the increased water taking on drinking water wells.</p> <p>I am satisfied that the potential impacts to groundwater have been adequately assessed and considered in accordance with the Municipal Class Environmental Assessment.</p>

