



### 13. NEGATIVE ENVIRONMENTAL EFFECTS, CONSTRUCTION

As required in *Ontario Regulation 359/09*, the Construction Plan Report will include the information in Table 8 and Table 9 of this Water Body Report to address any negative environmental effects anticipated on water bodies within 300 metres of the project location during the construction phase of the project. The potential negative environmental effects to water bodies within 300 metres of the project location, as outlined in Table 8, will be negligible after mitigation measures are implemented. During construction of the Dufferin Wind Power Project, appropriate erosion and sediment control measures will be implemented (see the ESC Plan in the Construction Plan Report). As identified in the Geotechnical Report (Found in the Construction Plan Report), there is potential for groundwater to be encountered during the installation of wind turbine foundations throughout the project location. Should this occur, dewatering will be required, but is not expected to exceed 50,000 L/day. Any such dewatering activity below this threshold is not expected to have an effect on the hydrological regime of the nearby applicable water bodies.

Table 9 summarizes the monitoring plan and monitoring frequency during the construction of the facility. Contingency measures that will be undertaken if performance objectives are not achieved are also included. Additional mitigation measures proposed to minimize impacts of the facility and not related to water bodies are summarized in the Construction Plan Report.

### 14. ADDITIONAL APPROVAL AND PERMITTING REQUIREMENTS

Additional permits and approvals from the GRCA and NVCA will be required for construction activities within regulation areas under the *Conservation Authorities Act*. Culvert installation (e.g., crossing 12) or isolated crossings are expected to require approval from DFO under the federal *Fisheries Act*. Other lower risk activities may require a Letter of Advice from DFO or could be addressed through appropriate use of DFO's Operational Statements (e.g., Isolated or Dry Open-cut Stream Crossings, High-Pressure Directional Drilling and Overhead Line Construction; see Appendix A). Municipal drain crossings are being confirmed with the municipality. Approvals for project required access road municipal drain crossings will be obtained through the Township of Melancthon under the *Drainage Act*.