

# 8 FOLLOW-UP MONITORING

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## 8.1 POST-CONSTRUCTION SURVEY

Areas disturbed by construction of the Project will be periodically inspected following completion to assess success of any reclamation efforts completed during the Project and to assess effectiveness of applied mitigation measures (e.g., erosion control). This will determine the necessity for any immediate remedial or follow-up work (e.g., additional erosion control in unstable areas). If any additional work is required, additional inspection may be required.

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## 8.2 BIRD AND BAT POST-CONSTRUCTION MONITORING PLAN

A Post-construction Monitoring Plan will be prepared for the Project following the Post-Construction Bat and Bird Mortality Survey Guidelines for Wind Farm Development in New Brunswick (ERD, 2011) and the Recommended Protocols for Monitoring Impacts of Wind Turbines on Birds (CWS, 2007). Consultation with NBDERD and Canadian Wildlife Service (CWS) will be completed as part of Plan development. The Post-construction Monitoring Plan will be submitted for review by the Fish and Wildlife Branch at NBDERD prior to implementation of the monitoring program. The Plan will be designed to collect information to reduce uncertainty in effects predictions and inform and direct mitigation for the Project when necessary. Post-construction monitoring will begin with the commencement of operation of the Project and will be completed for a minimum of two years. It is understood that the NBDERD has the option to extend the post-construction monitoring period for operators depending on survey results.

Post-construction monitoring for bats will include, but not limited to, mortality surveys, carcass removal trials, and searcher efficiency trials and will be combined with the required post-construction bird mortality studies. An annual Post-construction Monitoring Report that will include all raw data, results, and analysis of the monitoring program will be submitted to the Fish and Wildlife Branch at NBDERD. If the Project is found to be causing significant bird and bat mortality or causing barrier or exclusion effects during post-construction monitoring, additional mitigation may be required for the Project and the monitoring program may be extended based on requirements determined from consultation with the NBDERD and CWS.