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## 13. CONCLUSIONS

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Through a records review, site investigation and natural features evaluation of significance, it was determined that significant and/or provincially significant natural features exist within the project location or prescribed setback areas (Figure 3a-d to Figure 12). As such, an EIS Report is required under Section 38 of *Ontario Regulation 359/09*. This fourth and final report therefore satisfies the requirements under *Ontario Regulation 359/09* with respect to a natural heritage assessment.

This EIS Report demonstrates how negative environmental effects of the project will be mitigated, and sets out a program for ongoing monitoring of the effectiveness of the mitigation measures. Table 10 above provides a description of performance objectives for significant natural features in light of potential negative environmental effects of the project; mitigation measures planned to achieve performance objectives; how the project is to be monitored; and a contingency plan to be implemented should monitoring reveal that mitigation measures have failed. The EIS Report was completed to mitigate potential negative environmental effects to the following significant or assumed significant natural features:

- Wetlands 1, 2, 5-10, 12, 13, 15-24, 26-42, 45-48, 51-61, 64-75, 81, 82, 85-95, 97, and 99-104;
- Woodlands A, including Lavender Falls Life Science ANSI, B, H, Q, S, T, W, Y, Z, AH, AJ, AL, AN, AP, AQ, AS, AT, AU, AV, AW, AZ, BA, BB, BE, BG, BH, BL, BP, BS, BT, BV, CB, CC and CL;
- Colonial Bird Nesting Habitat 6, 7, and 12;
- Waterfowl Nesting Habitat 4, 11, 12, 13, 14, 16, 17, 18, 20, 21, 22, 23, and 24;
- Bat Maternal Roost Colonies (including potential habitat for Little Brown Bat, and Northern Long-eared Bat) 1, 2, and 4;
- Interior Forest Breeding Bird Habitat (including potential habitat for Canada Warbler and Louisiana Waterthrush) 3 and 9;
- Open Country Breeding Bird Habitat (including potential habitat for Short-eared Owl) 11;
- Marsh Breeding Bird Habitat 11, 13, 17, 18, 20, 28, 31, and 45;
- Amphibian Breeding Habitat (including potential habitat for Western Chorus Frog) 1, 2, 3, 5, 9, 12, 16-19, 27, 31, 38, 48, 59; and,
- Generalized Significant Wildlife Habitat.

Tables 9 and 10 outline how the activities related to the construction, operation and decommissioning of the facility affect these natural features and detail the appropriate mitigation and monitoring work to be implemented to mitigate or avoid the potential negative environmental effects of the project.