



**7. CONCLUSIONS**

This Natural Heritage Assessment Records Review Report was completed in partial fulfillment of the regulatory requirements for the REA process. Additional details regarding the natural features, their significance, potential impacts and mitigation measures required to protect these features will be provided in separate reports, as required, including the Site Investigation, Evaluation of Significance and Environmental Impact Study Reports. These reports will be submitted to the MNR for review and comment, as required in *Ontario Regulation 359/09* and will provide for the protection of natural features within and adjacent to the project location.

The determinations made in this Records Review will form the baseline knowledge for the project location. Fieldwork completed to date, in addition to consultation with the MNR, will be used to determine the accuracy of this Records Review during the site investigation. **Table 3** summarizes the determinations made during this Records Review. All applicable natural features within the project location and surrounding 120 metres are outlined on **Figure 3a-d**.

**Table 3: Summary of the Natural Heritage Assessment Records Review**

Natural Feature ID	Source of Information	Evaluation Status	Location Relative to Project Location		Carried forward to SI
			Within	Within 120 m	
<b>Provincial Parks and Conservation Reserves</b>					
None identified within project location or 120 metre setback.					---
<b>ANSI, Life Science</b>					
Lavender Falls	NHIC Biodiversity Explorer: Natural Areas Report	Provincially Significant	---	✓	✓
<b>ANSI, Earth Science</b>					
None identified within project location or 120 metre setback.					---
<b>Valleylands</b>					
None identified within project location or 120 metre setback. Will be confirmed during site investigation.					✓
<b>Wetlands</b>					
Melancthon Wetland Complex	MNR Land Information Ontario Data Layer	Provincially Significant	---	✓	✓



Natural Feature ID	Source of Information	Evaluation Status	Location Relative to Project Location		Carried forward to SI
			Within	Within 120 m	
Willow Brook Swamp	MNR Land Information Ontario Data Layer	Non-provincially Significant	✓	✓	---
Farmington Swamp	MNR Land Information Ontario Data Layer	Non-provincially Significant	✓	✓	---
Crombies Wetland Complex	MNR Land Information Ontario Data Layer	Non-provincially Significant	✓	✓	---
Laurel Wetland Complex	MNR Land Information Ontario Data Layer	Provincially Significant	---	✓	✓
Whittington Wetland	MNR Land Information Ontario Data Layer	Provincially Significant	---	✓	✓
Mud Lake Swamp	MNR Land Information Ontario Data Layer	Non-provincially Significant	---	✓	---
Canadian Pacific Swamp	MNR Land Information Ontario Data Layer	Non-provincially Significant	✓	✓	---
Unevaluated wetlands	MNR Land Information Ontario Data Layer	Unevaluated	---	✓	✓
<b>Woodlands</b>					
Numerous woodland areas	MNR Land Information Ontario Data Layer	Unevaluated	✓	✓	✓
<b>Wildlife Habitat</b>					
<b>Seasonal Concentration Areas</b>					
Waterfowl Stopover and Staging Area	NHIC Natural Areas	Unevaluated	Unknown	Unknown	✓



Natural Feature ID	Source of Information	Evaluation Status	Location Relative to Project Location		Carried forward to SI
			Within	Within 120 m	
(terrestrial)	Report: Mud Lake Swamp identified waterfowl production area  MNR draft 6E Criteria Schedule				
Waterfowl Stopover and Staging Area (aquatic)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Shorebird Migratory Stopover Area	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Raptor Wintering Area (includes Short-eared Owl)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Bat Hibernacula (includes Eastern Small-footed Bat, Little Brown Bat, Northern Long-eared Bat and Tricolored Bat)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Bat Maternity Colonies (includes Eastern Small-footed Bat, Little Brown Bat, Northern Long-eared Bat and Tricolored Bat)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓



Natural Feature ID	Source of Information	Evaluation Status	Location Relative to Project Location		Carried forward to SI
			Within	Within 120 m	
Bat Migratory Stopover Area	MNR draft 6E Criteria Schedule	Not applicable to project location	N/A	N/A	---
Turtle Wintering Area (includes Common Snapping Turtle)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Reptile Hibernaculum (includes Eastern Milksnake and Five-lined Skink)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Colonial Nesting Bird Breeding Habitat (Bank and Cliff)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Colonial Nesting Bird Breeding Habitat (Tree/Shrub)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Colonial Nesting Bird Breeding Habitat (Ground)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Migratory Butterfly Stopover Areas	MNR draft 6E Criteria Schedule	Not applicable to project location	N/A	N/A	---
Landbird Migratory Stopover Areas	MNR draft 6E Criteria Schedule	Not applicable to project location	N/A	N/A	---
Deer Yarding Areas and Deer Winter Congregation Areas	MNR Midhurst District Office	Not present in or within 120 m of project location	N/A	N/A	---



Natural Feature ID	Source of Information	Evaluation Status	Location Relative to Project Location		Carried forward to SI
			Within	Within 120 m	
<b>Rare Vegetation Communities</b>					
Cliffs and Talus Slopes	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Sand Barren	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Alvar	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Old Growth Forest	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Savannah	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Tallgrass Prairie	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Other Rare Vegetation Communities	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
<b>Specialised Wildlife Habitat</b>					
Waterfowl Nesting Area	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Bald Eagle and Osprey Nesting, Foraging and Perching Habitat	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Woodland Raptor Nesting Habitat	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Turtle Nesting Areas (includes Common Snapping Turtle)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓



Natural Feature ID	Source of Information	Evaluation Status	Location Relative to Project Location		Carried forward to SI
			Within	Within 120 m	
Seeps and Springs	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Amphibian Breeding Habitat (Woodland) (includes Western Chorus Frog)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Amphibian Breeding Habitat (Wetland)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
<b>Habitat of Species of Conservation Concern</b>					
Marsh Bird Breeding Habitat (includes Black Tern)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Woodland Area-Sensitive Bird Breeding Habitat (includes Canada Warbler and Louisiana Waterthrush)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Open Country Bird Breeding Habitat (includes Short-eared Owl)	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Shrub/Early Successional Bird Breeding Habitat	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Terrestrial Crayfish	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓



Natural Feature ID	Source of Information	Evaluation Status	Location Relative to Project Location		Carried forward to SI
			Within	Within 120 m	
Special Concern and Rare Wildlife Species:  1. Riffle Snaketail  2. Red-headed Woodpecker  3. Hart's Tongue Fern  4. St. Lawrence Grape Fern  5. Schweinitz's Sedge  6. Olney's Rock Moss	OBBA NHIC	Unevaluated	Unknown	Unknown	✓
<b>Animal Movement Corridors</b>					
Amphibian Movement Corridor	MNR draft 6E Criteria Schedule	Unevaluated	Unknown	Unknown	✓
Deer Movement Corridor	MNR Midhurst District Office	No deer winter area present therefore not applicable to project location	N/A	N/A	---
<b>Provincial Plan Areas</b>					
The project location does not fall within a provincial plan area.					---