

Natural Environment

- The property lies in the Mountsberg Creek and Flamboro Creek watersheds.
- Portions of the Lower Mountsberg Creek Provincially Significant Wetland Complex, designated by the Ontario Ministry of Natural Resources, extend onto the property. Some of the wooded areas on the property have been identified as parts of the Mountsberg East Wetlands and Carlisle North Forests Environmentally Significant Areas by the City of Hamilton.
- Field studies of aquatic communities, soils, vegetation and wildlife were carried out between 2004 and 2007. Studies included surveys to document:
 - Vegetation and flora
 - Wetland boundaries
 - Winter wildlife
 - Amphibians and reptiles
 - Breeding birds
 - Butterflies and other wildlife
 - Fish habitat
 - Benthic invertebrates
- The property is characterized by centrally located agricultural lands surrounded by naturally-occurring woodlands, regenerating woodlands, plantations and swamp.
- Mountsberg Creek is characterized by relatively undisturbed, permanent aquatic habitat and a diverse fish community. Flamboro Creek and the tributaries to Mountsberg Creek supported fewer and more tolerant fish species and benthic invertebrates.
- Nine species of amphibians, two reptile species, 74 bird species, 24 butterfly species, 16 mammal species and 19 fish species have been recorded on the site.
- The most important habitat for wildlife and significant plants is associated with the Provincially Significant Wetlands.

