

3.1.2 Ecosystem Objectives

This section is divided into two sets of complementary objectives: Ecosystem Integrity Objectives; and, Ecosystem Planning Objectives.

3.1.2.1 Ecosystem Integrity Objectives

3.1.2.1.1 To protect, maintain, and, as appropriate, enhance and restore ecosystem functions and processes vital to the integrity of communities (both natural and cultural), particularly in relation to:

- air quality;
- groundwater quality and quantity, recharge and discharge;
- surface water quality and quantity;
- soil fertility; and,
- biota.

3.1.2.1.2 To protect, maintain, and, as appropriate, enhance and restore ecosystem attributes and values, including:

- connectivity;
- viability / self-sustainability;
- biological diversity;
- dynamics; and,
- aesthetics (natural scenery).

3.1.2.1.3 To protect, maintain, and, as appropriate, enhance and restore physical and biological systems and features that support ecosystem integrity and associated functions, processes, attributes and values, including:

- bedrock and surficial geology;
- landforms, topography and soils;
- groundwater and aquifers;
- surface water systems including: watersheds and subwatersheds; rivers and streams (permanent and intermittent); valley and stream corridors; and, lakes and ponds;
- fisheries and wildlife;
- wetlands and woodlands; and,
- ANSI's and ESA's.

3.1.2.2 Ecosystem Planning Objectives

3.1.2.2.1 To ensure that the Town's ecosystem principle, goal and objectives form a primary basis for all land use planning decisions within the Town of Caledon.

- 3.1.2.2.2 To identify, protect, maintain, and, as appropriate, enhance and restore ecosystem forms, functions and integrity within Caledon through the implementation of appropriate designations, policies and programs.
- 3.1.2.2.3 To establish policies, strategies, procedures and programs which implement and assist in clearly interpreting the Town's ecosystem principle, goal and objectives.
- 3.1.2.2.4 To foster public awareness and education regarding Caledon's environment including this Plan's ecosystem principle, goal and objectives.
- 3.1.2.2.5 To recognize that humans are an integral consideration in ecosystem planning, and to develop policies and programs with respect to the on-going human interactions with the natural environment.
- 3.1.2.2.6 To develop partnerships between various agencies and organizations to coordinate environmental programs, policies and information.
- 3.1.2.2.7 To promote an holistic, ecosystems based philosophy at all levels of government.
- 3.1.2.2.8 To ensure that natural hazards are addressed through the planning process.