

6.2 Composition of the UGN

The UGN comprises diverse types of land cover that support natural and hydrologic systems. These include natural features and areas, peri-natural, or constructed features (e.g., vegetated swales) that have ecological benefits, and areas that support the hydrologic function of the landscape. Not all features / areas that may contribute to these classes are necessarily mapped.



Natural Features and Areas

includes provincially significant and designated natural heritage features (e.g., Provincially Significant Wetlands, Significant Wildlife Habitat, City of Peterborough in force and effect Natural Heritage System), the

wildlife corridors that connect them, and fish habitat. Other features and areas will be considered for inclusion within the UGN through site-specific studies (e.g., an Environmental Impact Study).

Ecological buffers established as self-sustaining vegetation are considered part of the UGN upon establishment (i.e., are planted and functioning), which recognizes their contributions to natural areas and habitats across the campus. Existing and proposed wildlife corridors to connect the system are also part of the UGN. Newly proposed wildlife corridors should be established on the landscape and maintained with the primary objective of providing movement opportunities and connectivity.



Ecologically Supportive

Features and Areas includes features that are semi-natural in form or are managed to achieve a benefit to, or have a supportive aspect for biodiversity, ecological, or hydrologic functions. This can

include, but is not limited to: pollinator gardens, infiltration galleries, native plant-based landscaping, pocket forests, naturalized stormwater, regenerative agriculture, and food production areas.



Hydrologically Supportive

Features and Areas includes open, permeable spaces on campus for their contributions to the hydrologic system and ensures recognition of their supportive function in systems-based planning.

Areas such as manicured quads and natural and manicured sports fields, headwater drainage features and watercourses, and their associated riparian areas (if applicable) are considered part of the UGN.

FEATURE AND AREA TYPES

The following features and areas are organized by the UGN composition to demonstrate the various ways in which they interact with other campus wide elements including the City's Natural Heritage System, the Trent Nature Areas, and the University Districts.



Table 1: Composition of the UGN

- A** Natural Features and Areas
- B** Ecologically Supportive Features and Areas
- C** Hydrologically Supportive Features and Areas

CAMPUS-WIDE UGN FEATURES AND AREAS

			City Natural Heritage System ¹	Trent Nature Areas ²	Nature Infused in Built-up Areas
A	1 WETLANDS		✓	✓	
	2 WOODLANDS		✓	✓	✓
	3 OPEN COUNTRY HABITATS		✓	✓	✓
	4 BUFFERS		✓	✓	✓
B	5 WILDLIFE CORRIDORS		✓		✓
	6 REGENERATIVE AGRICULTURE			✓	✓
	7 NATURALIZED GREEN SPACES			✓	✓
C	8 MANICURED QUADS				✓
	9 NATURAL AND MANICURED SPORTS FIELDS				✓

1 The City's Natural Heritage System delineates features and areas as required by the Provincial Policy Statement. Not all features listed will be considered significant. Only those features captured in the City's in force and effect Natural Heritage System mapping are included.

2 Features and areas listed under the Trent Nature Areas are consistent with the Nature Areas Stewardship Plan, and are not inclusive of all features and areas located across the campus for any given categories.