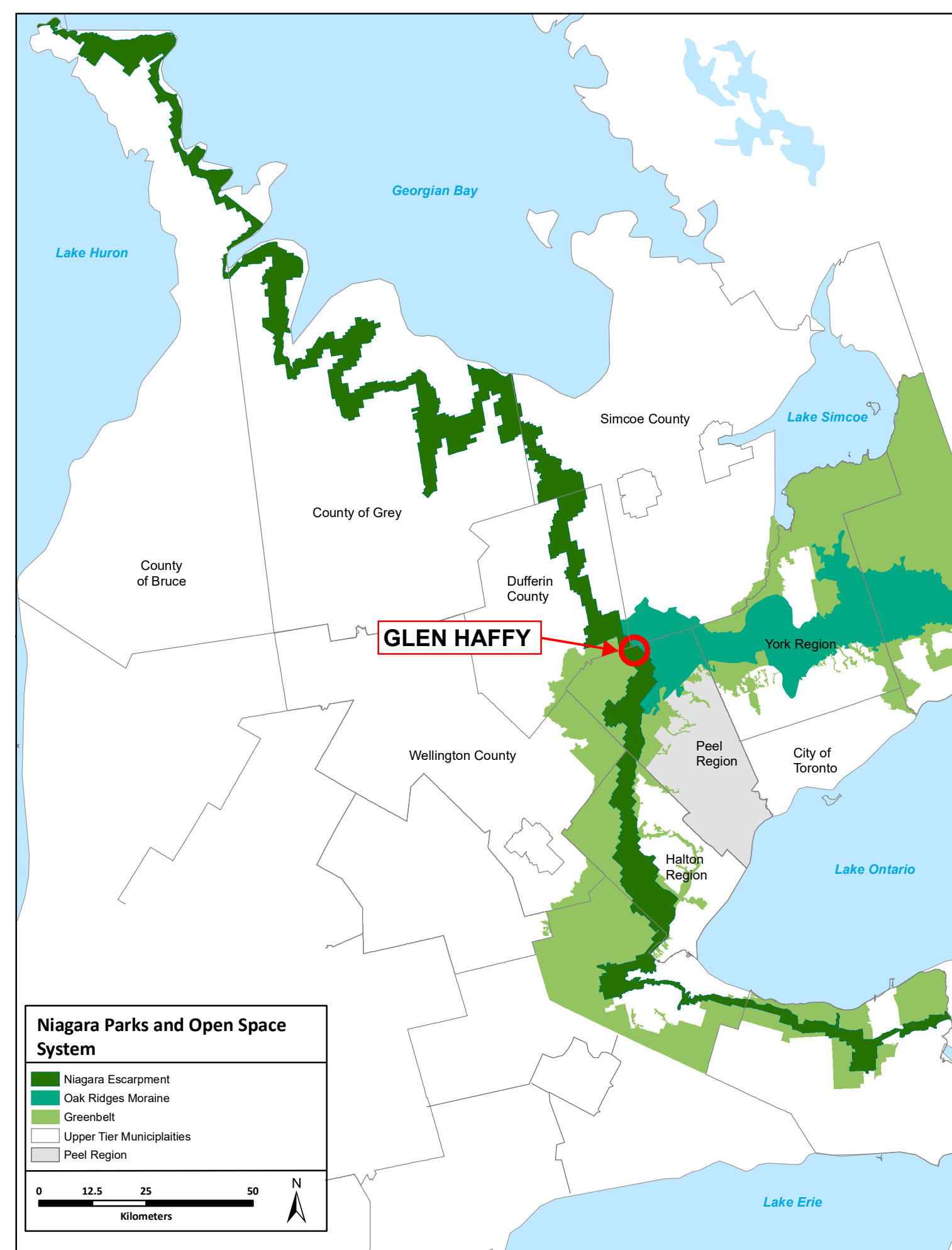


TRCA NEPOSS Properties Management Plan

WHAT IS NEPOSS?

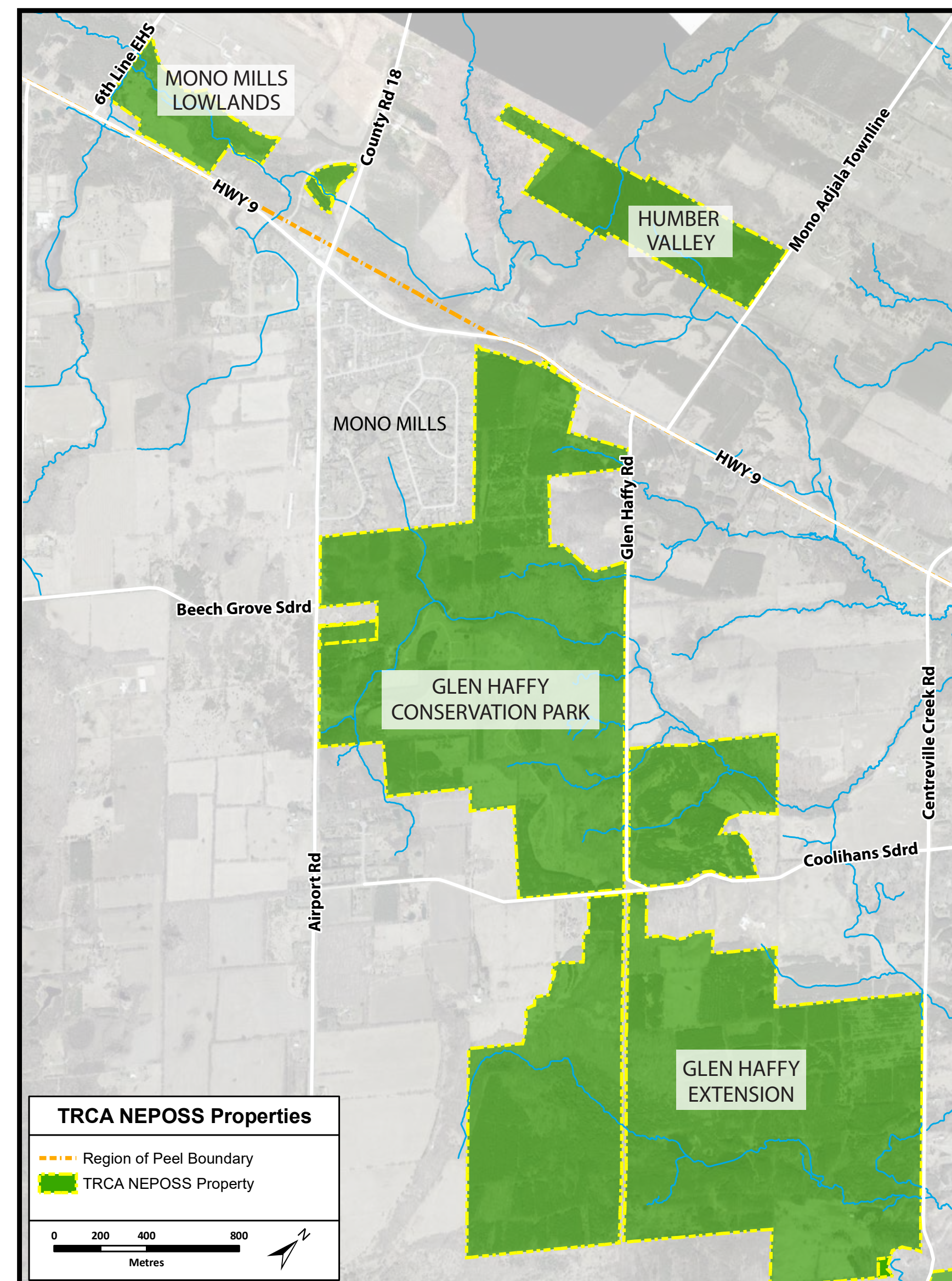
The Niagara Escarpment is a 725-kilometre ridge of fossil-rich rock stretching from Queenston to Tobermory's islands. Recognized as a UNESCO World Biosphere Reserve, it is valued for its unique geology and ecological significance.

The Niagara Parks and Open Space System (NEPOSS) includes over 160 parks along the Escarpment, supporting sustainable recreation, tourism, and the protection of its cultural and natural heritage.



WHERE ARE TRCA'S NEPOSS PROPERTIES LOCATED?

TRCA's NEPOSS Properties are located in the upper reaches of the Humber River, in the Town of Caledon, Peel Region, and in the Township of Mono, Dufferin Region.



TRCA's four properties in the NEPOSS include:

- Glen Haffy Conservation Park (223 ha)
- Glen Haffy Extension (235 ha)
- Humber Valley tract (35 ha)
- Mono Mills Lowlands (19 ha)

ENVIRONMENTAL SIGNIFICANCE:

The Properties provide the most extensive area of natural cover in the entire region

- ~85% (435ha) of the properties are covered by forest communities
- 46 different types of forest communities have been identified

Properties provide significant ecosystem services:

- air quality regulation
- carbon storage and sequestration
- stormwater retention and water quality benefits
- ambient temperature reduction
- physical and mental health benefits

89 VEGETATION TYPES

- 4 aquatic
- 46 forest
- 29 wetland
- 8 successional
- 2 meadow

519 FLORA SPECIES

- 107 species: regional concern
- 98 species: urban concern

102 FAUNA SPECIES

- 38 species: regional concern
- 13 species: regionally rare

TRCA NEPOSS Properties Management Plan

MANAGEMENT PLAN OBJECTIVE

- Provide guidance to address infrastructure and operational needs
- Identify opportunities to improve the environmental quality over the long-term
- Enhance user experience on the lands

WHO'S INVOLVED



DRAFT VISION STATEMENT

TRCA's NEPOSS Properties' unique setting at the confluence of the Oak Ridges Moraine and the Niagara Escarpment provides extensive, high-quality habitat where nature flourishes and visitors enjoy activities that are compatible with the natural and cultural values of the lands.

As part of the Niagara Escarpment, a UNESCO World Biosphere Reserve, the Properties will be a sanctuary for nature and an essential ecological linkage.

Sustainable recreation, outdoor education, and celebration of cultural heritage will inspire visitors' appreciation and conservation of this greenspace and the larger NEPOSS for generations to come.

TRCA NEPOSS Properties Management Plan



PILLAR 1 Environmental Protection and Management

DRAFT GOALS: Protect the natural heritage and water resource features and functions of the TRCA NEPOSS Properties to ensure the long-term health and resilience of native species, habitats, landscapes, and ecosystem functions and services in the face of a changing climate.

Mitigate hazard risks to local communities through greenspace conservation practices.

Draft Objectives:

- Protect, enhance, and restore the land's unique, diverse and sensitive natural heritage features and water resource features and functions and the connections among them using science-based actions and approaches.
- Public access areas are appropriately sited, designed, and well maintained, to ensure safe and quality park visitor experience while minimizing impacts to natural heritage and water resource features and functions.
- Protect greenspace, infrastructure and the public from flood and erosion hazards by preserving and protecting natural valley systems.
- Encourage/champion best practices for climate change resiliency and mitigation on new construction and redevelopment to demonstrate leadership in sustainability efforts.
- Public use areas and facilities ensure the protection and enhancement of ecological health while providing social and human health benefits, leveraging green technologies and sustainable development approaches.



PILLAR 2 Knowledge Economy

DRAFT GOALS: Monitor and understand the various ecosystem functions provided by the natural system within the TRCA NEPOSS properties along with their management requirements, sensitivities, threats, and interrelationships with the surrounding landscape.

Share knowledge and awareness of the cultural values within the TRCA NEPOSS properties and their link to the surrounding landscape.

Draft Objectives:

- Educational programing, outreach, research and training opportunities support TRCA's strategic goals and inform policy initiatives and management decision-making.
- Knowledge and awareness of the Indigenous history and culture, in addition to the cultural heritage values of the properties are increased.
- Awareness of the Niagara Escarpment as a UNESCO World Biosphere Reserve and as part of the Greenbelt is increased.

TRCA NEPOSS Properties Management Plan



PILLAR 3 Community Prosperity

DRAFT GOALS: That the community participates in stewardship, nature-based recreation and education activities at the TRCA NEPOSS Properties that promote and contribute to healthy, connected communities and the evolving needs of the NEPOSS Properties and surrounding region.

Draft Objectives:

- Stewardship of the lands protect, preserve, restore and enhance their many unique, diverse and sensitive cultural heritage features.
- Enhanced nature-based recreation, education programming, infrastructure, services, and stewardship add value and encourage enjoyment and understanding of the Niagara Escarpment.
- Encourage a culture of diversity, equity, and inclusion through community participation and stewardship.
- Existing facilities are improved to accommodate effective delivery of existing and expanded programs and services.
- New facilities are added only if their addition assists TRCA with the management of the properties to provide controlled, quality, visitor access and to reduce negative public impacts. All new facilities are to comply with all regulatory permit requirements.



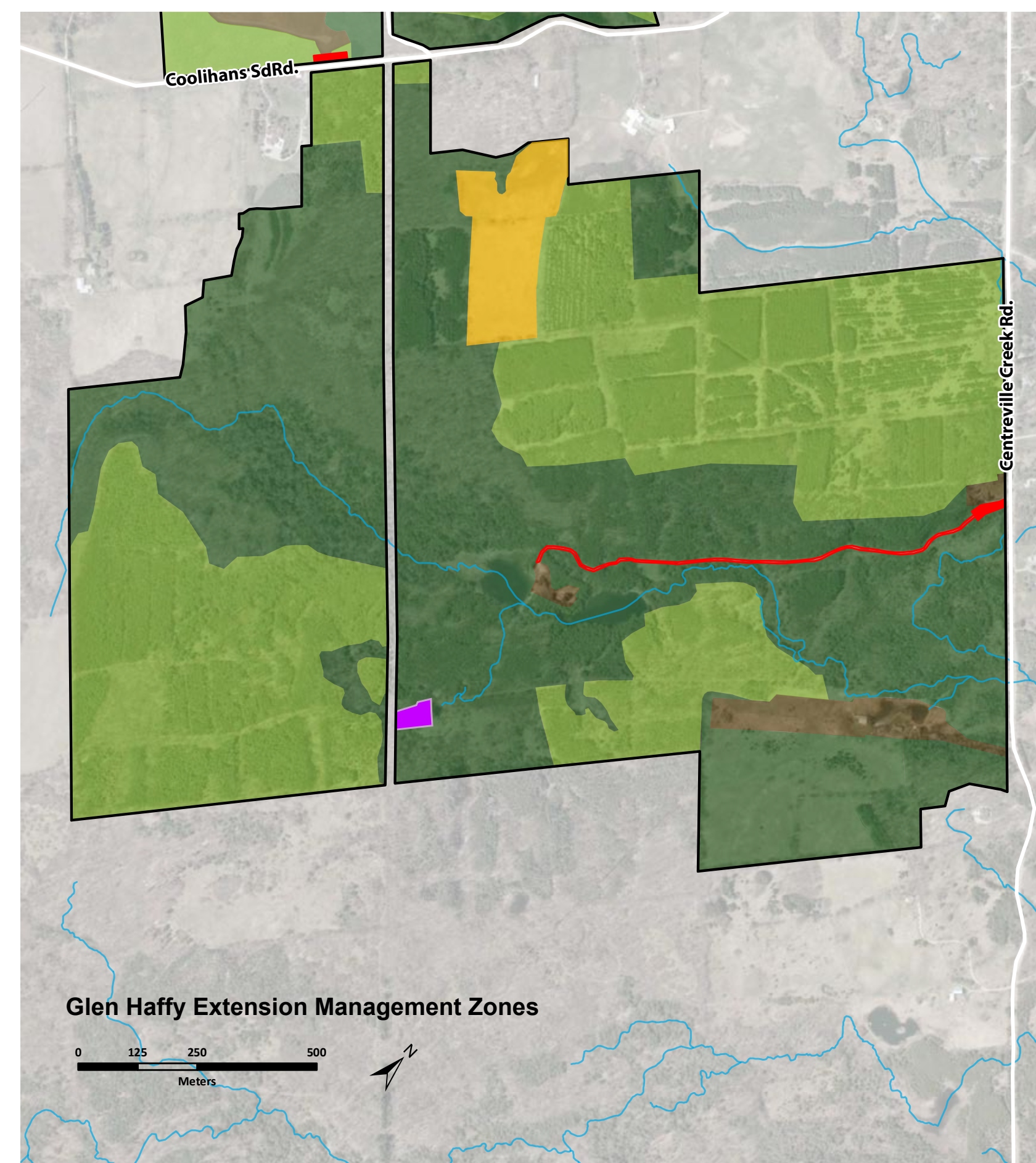
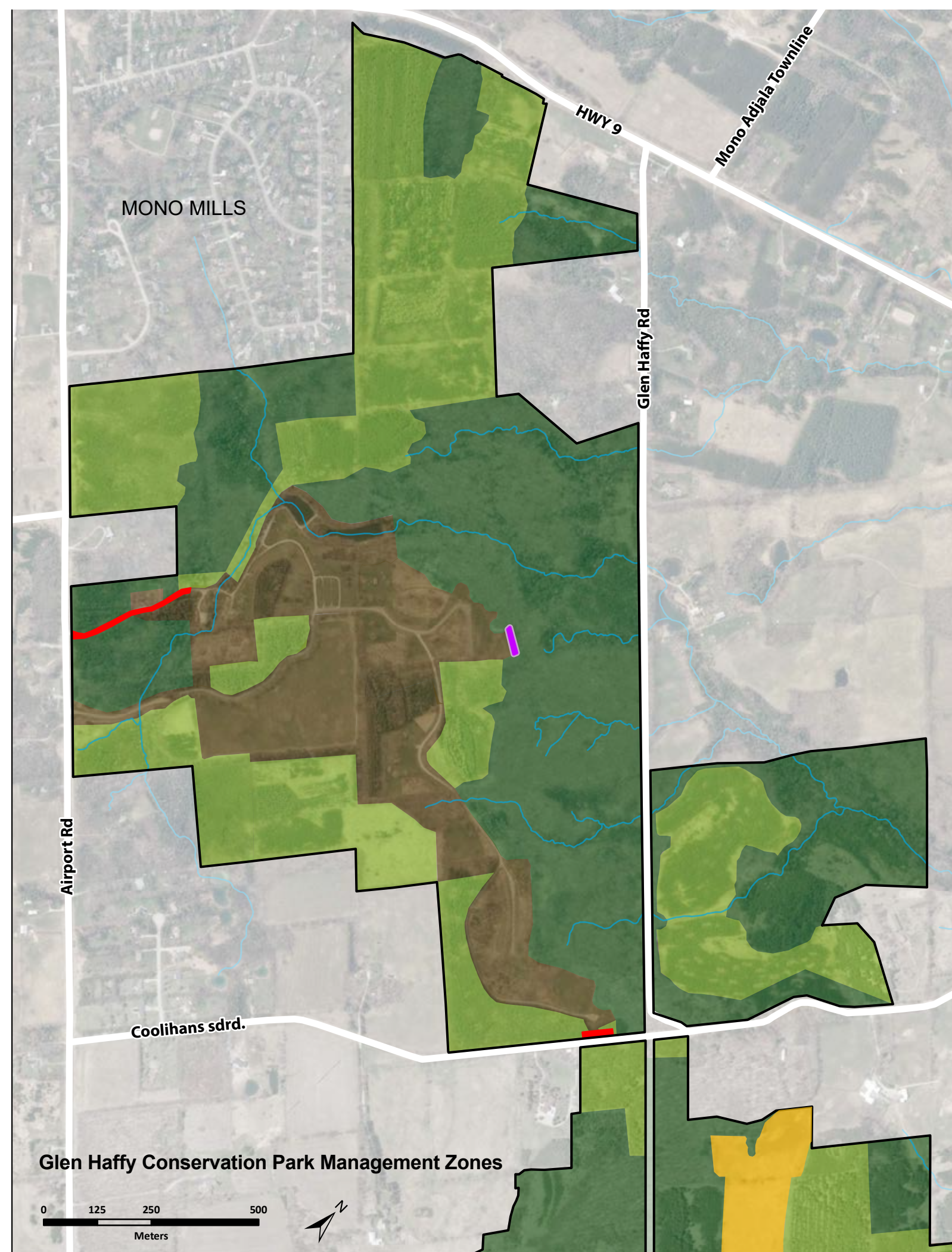
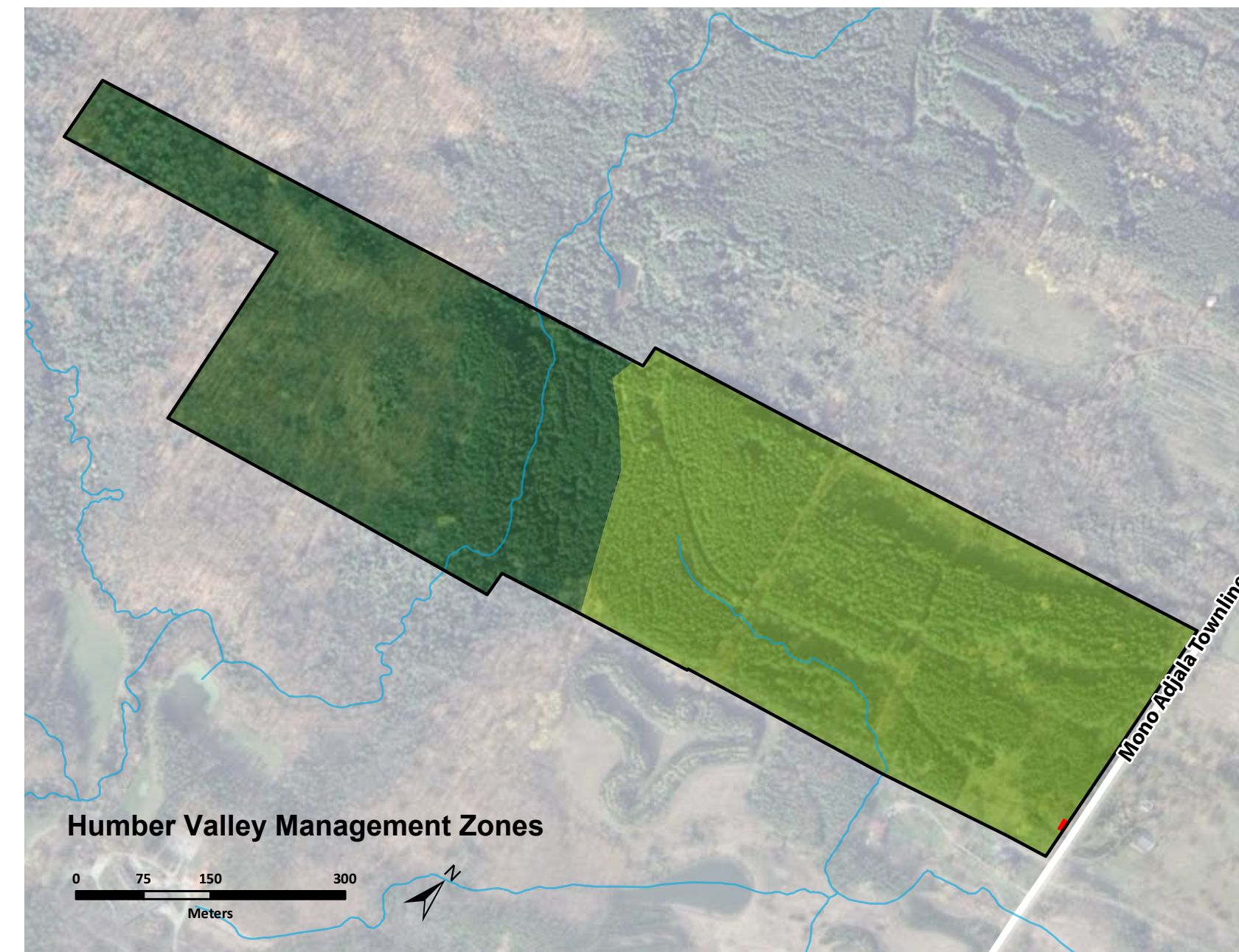
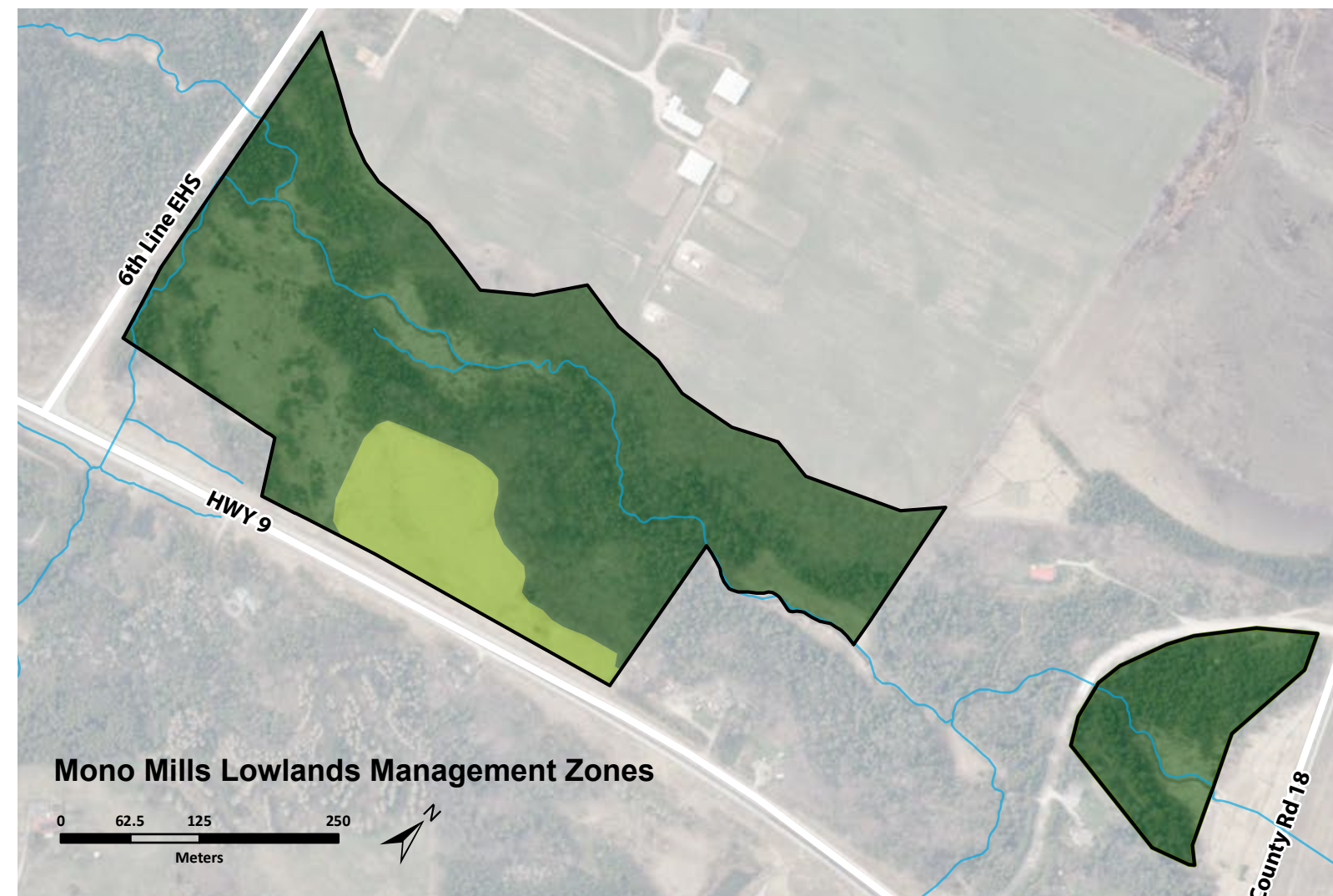
PILLAR 4 Service Excellence

DRAFT GOALS: Activities and operations within the TRCA NEPOSS Properties are developed within a sustainable business model that is effective, adaptable, and based on science-driven decision making.

Draft Objectives:

- Operations are supported by a strong and skilled workforce with the resources to maintain efficient and high-quality customer service.
- Partnerships and collaborations are developed, deepened and enhanced to further TRCA's strategic goals.
- Strategic guidance is long-term and considers the operational requirements.

TRCA NEPOSS Properties Management Plan



MANAGEMENT ZONES

ACCESS

- Areas that serve as staging areas
- Facilities that support the use of Nature Reserve/Natural Environment zones (e.g., trailheads, parking lots, roads, interpretive signs)
- Moderate to high intensity uses

CULTURAL HERITAGE

- Areas surrounding known archaeological sites below or above grade.
- Public use determined on a case by case basis by the level of sensitivity of cultural heritage features

NATURAL ENVIRONMENT

- Less sensitive than Nature Reserves
- Public access permitted in moderation
- Low to moderate intensity of use

NATURE RESERVE

- Highest sensitivity areas
- Existing trail uses to remain
- Limited new uses may be permitted if found not to impact the natural features onsite

DEVELOPMENT

- Areas suitable for public use
- Active recreation areas, parking areas, public infrastructure, operations and road system
- Highest intensity of use

RESOURCE MANAGEMENT

- Determined by previous land-uses
- Sustainable resource management
- Moderate to high intensity agricultural activities

LEGEND

Study Area	Natural Environment Zone
Watercourse	Nature Reserve Zone
Major Roads	Development Zone
Access Zone	Resource Management Zone
Cultural Heritage	

TRCA NEPOSS Properties Management Plan



To learn more, visit the project web-site by scanning the QR code or visit trca.ca/glen-haffy-plan/

**HAVE
YOUR
SAY!**

To share comments or ideas on the management plan, email nadine.abrams@trca.ca with "NEPOSS Management Plan" in the subject line.



2022-2023

Baseline Data
Collection

2023-2024

NEPOSS Background
Report Development

2024-2025

Management Plan
Development

2025

**Public Feedback
Round 1**

WE ARE HERE

FALL 2025

Public Feedback
Round 2

2025-2026

Management Plan
Development

SPRING 2026

Finalization Draft
Plan and Background
Report

2027

Review and
Approval of Plan