

Addendum (November 2016) to the Medway Valley Heritage Forest ESA Natural Heritage Inventory and Evaluation, January 2015 by Dillon Consulting Inc.

Updated with the Council Approved “Guidelines for Management
Zones and Trails in Environmentally Significant Areas (2016)”

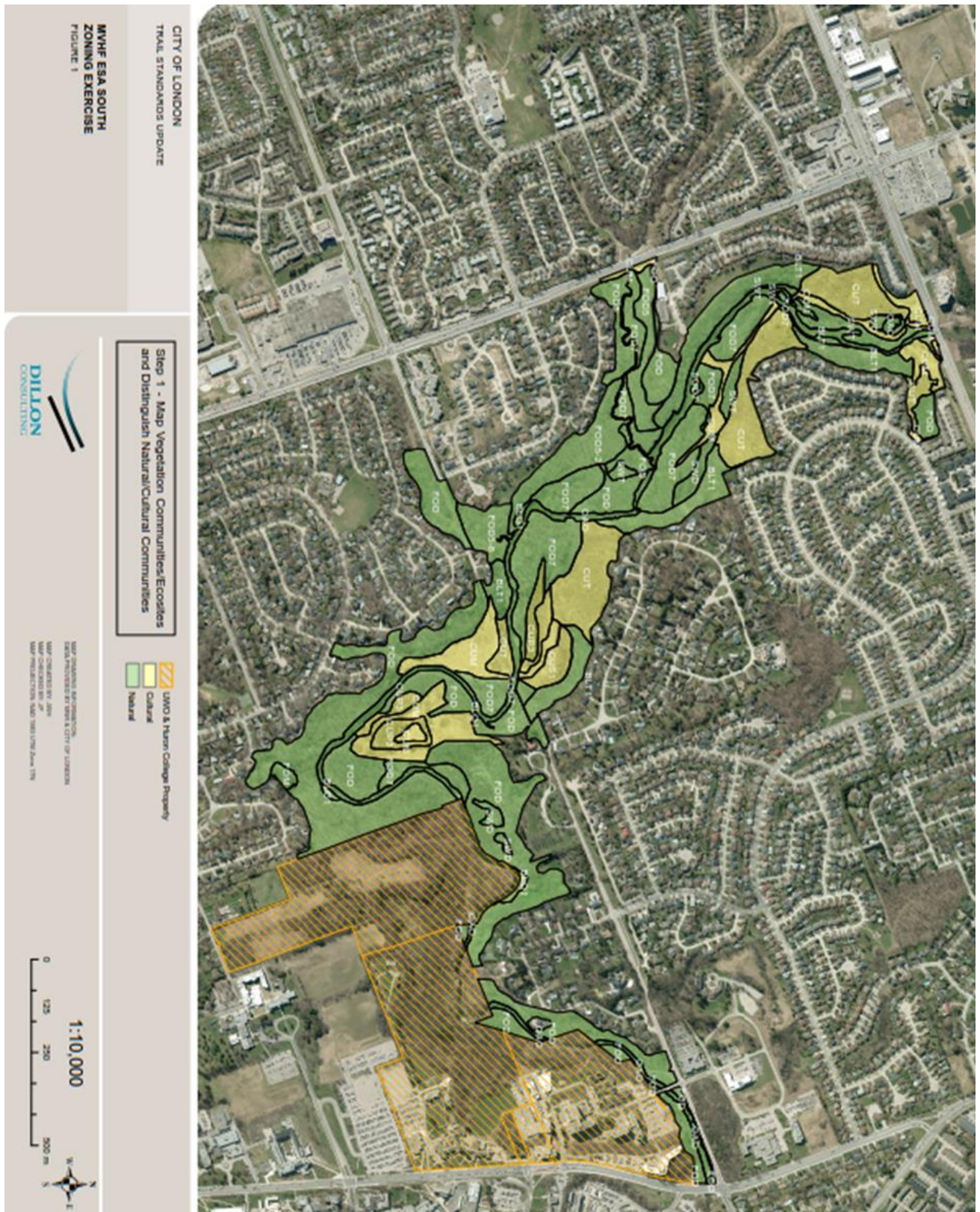


Figure 1 - Map Vegetation Communities and or Ecocites as per Provincial Standards as Natural or Cultural Communities



Figure 2 Merge Natural and Cultural Community Boundaries and Apply Overlays

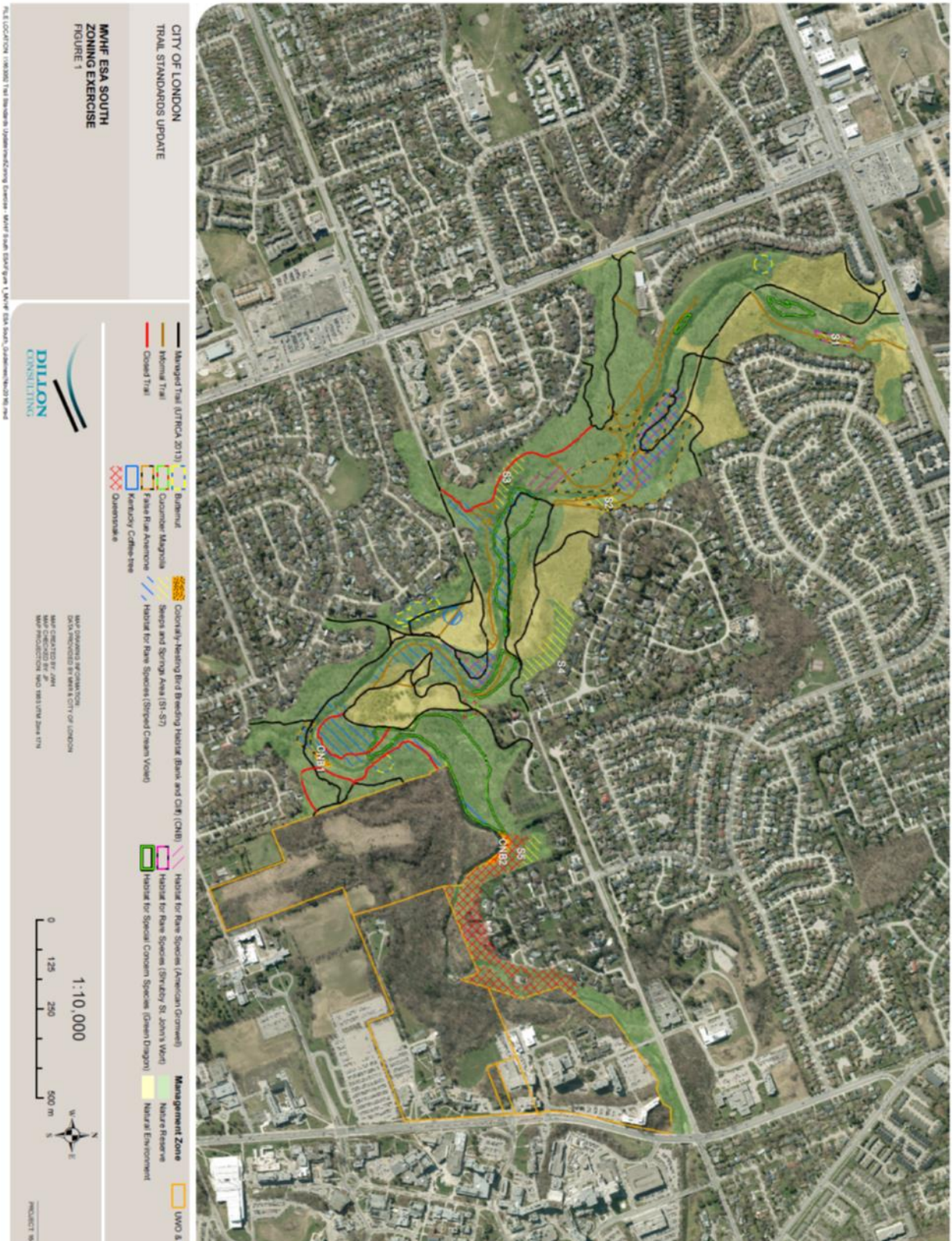


Figure 3 Overlay Existing Trail System onto Management Zones and Identify Sig. Ecological Features That Overlap the Trail System

Significant Ecological Feature	From Table 1 of the Guidelines, does this feature require review for compatibility with trails?	Rationale
Significant Wildlife Habitat		
Seasonal Wildlife Concentration Areas		
Colonially -Nesting Bird Breeding Habitat (CNB1, CNB2)	Yes	This type of habitat observed within the MVHF ESA south includes bank/cliff nesting colonial birds. Habitats determined to be compatible with existing trail system. Trails to remain and no further action required.
Specialised Habitat Areas		
Seeps and Springs (S1 – S7)	Yes	Seeps are located along valley slopes. Trails are generally located outside of seep areas. Informal trails run through S3 though are located at the base of the slope and top of the slope instead of directly over the seepage area. Habitats determined to be compatible with existing trail system. Trails to remain and no further action required.
Amphibian Breeding Habitat (ABH1)	No	Amphibians breeding in water are not anticipated to be impacted by existing trails and/or trail use. Given that the majority of amphibian breeding occurs when public access to ESAs is prohibited, impacts to this type of wildlife habitat due to trail use are not anticipated. Habitat determined to be compatible with existing trail system. Trails to remain and no further action required.
Species of Conservation Concern: Striped Cream Violet (S3)	Yes	Species is a floodplain specialist and tolerant of disturbance. Generally found along the edges of regularly used trails. Habitat determined to be compatible with existing trail system. Trails to remain and no further action required.
Species of Conservation Concern: American Gromwell (S3)	Yes	Species is a floodplain specialist and tolerant of disturbance. Generally found just beyond the edges of regularly used trails. Habitat determined to be compatible with existing trail system. Trails to remain and no further action required.
Species of Conservation Concern: Green Dragon (SC)	Yes	Species is a floodplain specialist and tolerant of disturbance. Generally found just beyond the edges of regularly used trails. Habitat determined to be compatible with existing trail system. Trails to remain and no further action required.

Significant Ecological Feature	From Table 1 of the Guidelines, does this feature require review for compatibility with trails?	Rationale
Species of Conservation Concern: Shrubby St. John's Wort (S2)	Yes	Formal trails are not located within or adjacent to this species' habitat though evidence of an informal trail (former managed trail) was observed. Effort may be required to deter use of the informal trail as part of regular ESA management.
Species at Risk		
Threatened or Endangered Species		
Species at Risk: False-rue Anemone (THR)	Yes	Species is a floodplain specialist and tolerant of disturbance. Generally found along the edges of regularly used trails. Use of formal and informal trails has shown not to impact the species. Habitat determined to be compatible with existing trail system. Trails to remain and no further action required.
Species at Risk: Queensnake (END)	Yes	Species documented on the north shore of Medway Creek. The habitat associated with this species is primarily private lands. The trail network within the ESA isn't located in the habitat.
Species at Risk: Kentucky Coffee-tree (END)	Yes	Formal trails are not located within or adjacent to this species' habitat though evidence of an informal trail was observed. Effort may be required to deter use of the informal trail as part of regular ESA management.
Species at Risk: Cucumber Magnolia (END)	Yes	Species located adjacent to formal trail. The trail appears to be used as designed and not impacting the species and/or habitat. Habitat determined to be compatible with existing trail system. Trails to remain and no further action required.
Species at Risk: Butternut (END)	Yes	Species located adjacent to formal trails. The trails don't overlap the dripline of the trees, which would be the core habitat. Trails to remain and no further action required.

MVHF South ESA: Trail Compatibility Review

- The significant ecological features in the MVHF South ESA were determined to be compatible with existing managed trails.
- Further review of the existing managed trails is not required.
- Should new trails be proposed in alternate locations within this ESA, further review is required following Guidelines for Management Zones and Trails in ESAs document and process.



This addendum was completed by ecologists at Dillon Consulting following the updated [Guidelines for Management Zones and Trails in Environmentally Significant Areas \(2016\)](#) process for reviewing existing trails described on page 24 (using Chart 2 and Table 1 for a Phase 1 CMP) using ecological data collected in the [Natural Heritage Inventory and Evaluation, Medway Valley Heritage Forest ESA \(January 2015\)](#) by Dillon Consulting.