

Autumn Trace Impact Report

This letter shall serve as an explanation of our findings as it relates to environmental, soil suitability and potential impacts to the development lands related to Autumn Trace.

Soil Suitability

Soil testing occurred late fall of 2022 and into winter 2023. Areas across the site were identified to support the POWTS for the proposed lots. Ground water was observed across the site at a fairly consistent depth of 2' below the surface. Although not required by the city site grading will accommodate all basement floors being at or above the SHGW. Soils were a consistent stiff clay which will adequately support home construction and roadways.

Environmental Impacts

This site contains many natural features including wetlands, floodplains, environmental corridors and the Muskego creek. Aside from a small area on lot 7 all of the environmental features will be located in outlots. The storm water management system demonstrates the storage and treatment of water prior to being released to the wetland/creek areas. Careful erosion control measures will be taken during construction and until the site is stabilized to ensure the low-lying wetland areas are not impacted. Additionally, I have entered into an agreement with Heartland Ecological Group to implement a 5 year conservation enhancement program for the site. This will include invasive mitigation as well woodland and prairie land restoration. These efforts will have an incredibly positive impact on the site.

Regards,

Ryan Janssen