



February 23, 2026  
CO952.01

Suncor Energy  
1170 Sherbrooke Est,  
Montreal, Quebec  
H1B 1C3

Attention: Fadi Yazji, ing., M. ing. /P.Eng., M.Eng.  
Ingénieur de Project / Project Engineer

Re: **Slope Stability Assessment**  
**2180 Montreal Road, Ottawa, Ontario**

Dear Fadi:

Further to your request and authorization, Terrapex Environmental Ltd. (Terrapex) has prepared this memo to address the potential slope stability issue raised by the City relating to the proposed development at 2180 Montreal Road, in Ottawa, Ontario.

The following comment was provided by the City:

*The designated site is withing close proximity to a significant slope (greater than 8 m in clay soils) and therefore slope stability should be discussed in the geotechnical report. A landslide risk hazard assessment may also be required.*

As the City's Guidelines, a report should be provided wherever a site has slope (existing or proposed) steeper than 5 horizontal to 1 vertical (i.e., 11-degree inclination from horizontal) and/or more than 2 metres in height. A report is also required for sites having a retaining wall greater than 1 metre high, that addresses the global stability of the proposed retaining walls.

Based on the proposed "Site Grading Plan", Sheet Number P300, prepared by J+B Engineering Inc, dated December 03, 2025, provided to Terrapex by the Client, the proposed grade is generally similar to the existing grade, and ranges between 66.9 m and 68.1 m; the site is generally flat.

Based on the desktop review of available topographic data, the Site and it's immediate surrounding is relatively flat. There is a slope located north of Montreal Road, with an approximate steepness of 7H:1V, dipping towards north. The approximate distance between the north boundary of the site and the Top of Slope is at least 35 m. Considering the 35 m buffer to the top

of slope, the imaginary slope from the north property boundary to the toe of the slope has an approximate steepness of 10H:1V.

Based on the above information, it is Terrapex's opinion that the stability of the slope located approximately 35 m north of the Site, with an approximate steepness of 7H:1V will not have any negative impact on the Site.

We trust this letter meets your requirements. Terrapex appreciated the opportunity to provide our services regarding this matter. If you have any questions regarding the above, please contact the undersigned.

Sincerely,

**TERRAPEX ENVIRONMENTAL LTD.**



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Yacouba Doro, P.Eng, PMP  
Senior Geotechnical Project Manager



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Meysam Najari, Ph.D., P.Eng.  
Vice President - Geotechnical Services