

February 22, 2024

File No. 0015-024-00

Kathy Roberts  
Project Officer  
City of Winnipeg, Municipal Accommodations  
4th Floor, 185 King Street  
Winnipeg, Manitoba  
R3B 1J1

**RE St. James Civic Centre New Additions and Building  
Addendum No. 1 – Seismic Site Class**

---

This letter is an addendum to the geotechnical investigation report issued to the City of Winnipeg on May 9, 2018 and provides a Seismic Site Class for proposed structures at the St. James Civic Centre located at 2055 Ness Avenue in Winnipeg, MB.

**Seismic Site Class**

The site classification for seismic site response was determined in accordance with Table 4.1.8.4.-B in Section 4.1.8 *Earthquake Load and Effects* of the NBCC (2020). Site Class D (stiff soil) applies to this site based on an average undrained shear strength of 54 kPa of the clay and a compact to dense till consistency.

**Closure**

The geotechnical information provided in this report is in accordance with current engineering principles and practices (Standard of Practice). The findings of this report were based on information provided (field investigation and laboratory testing). Soil conditions are natural deposits that can be highly variable across a site. If sub-surface conditions are different than the conditions previously encountered on-site or those presented here, we should be notified to adjust our findings if necessary.

All information provided in this report is subject to our standard terms and conditions for engineering services, a copy of which is provided to each of our clients with the original scope of work or standard engineering services agreement. If these conditions are not attached, and you are not already in possession of such terms and conditions, contact our office and you will be promptly provided with a copy.

This report has been prepared by TREK Geotechnical Inc. (the Consultant) for the exclusive use of City of Winnipeg (the Client) and their agents for the work product presented in the report. Any findings or recommendations provided in this report are not to be used or relied upon by any third parties, except as agreed to in writing by the Client and Consultant prior to use.



We thank you for the opportunity to provide engineering services on this assignment. If you have any questions regarding the findings or recommendations presented, please contact the undersigned at your earliest convenience.

Kind Regards,

**TREK Geotechnical**

**Per:**

**Reviewed By:**

**Ryan Belbas, M.Sc., P.Eng.**  
Geotechnical Engineer  
Attach.



**Nelson John Ferreira Ph.D. P.Eng.**  
Senior Geotechnical Engineer

