



24 April, 2025

Chantal Valkenborg
390 Back Street



Outdoor Venue Wastewater Servicing Brief – GW-25012

Dear Chantal,

Pursuant to your request Groundwork Engineering Limited (GEL) has completed a wastewater servicing review of the proposed outdoor venue at 390 Back Street, Lyndhurst, Ontario in support of the planning application.

The proposed facility intends to operate as a seasonal outdoor wedding facility operating from May to October, with the capacity to serve up to 120 guests at a time. This number is assumed to consist of 60 female and 60 male guests. The facility will provide food and beverages that will be served by mobile catering services and mobile bartending services. All crockery to be used at the venue is to be supplied by a rental company and will be washed at their respective facility. Biodegradable cups will be used for drinks which will be collected on site and disposed of at the nearby waste facility.

Clause 3.7.4.3 of the Ontario Building Code provides the number of water closets required for assembly occupancies. In accordance with clause 3.7.4.3(3)(d) Table 3.7.4.3.C applies. The minimum number of water closets for each sex where the number of persons of each sex is between 51 and 150 is 2.

In accordance with the British Columbia Ministry of Health 2016 for public use facilities the average volume of feces per event is 0.18 L and the average volume of urine per event is 0.2 L. We determine that the volume of waste per person while attending the venue is 0.58 L (3 events). For 120 guests this amounts to 70 litres. Rinse water from low flow fixtures would amount to 5 L per event or 15 L per person while attending the venue. For 120 guests this would amount to 1,800 L. Therefore, the total waste for 120 guests is 1,870 L.



A portable washroom facility with five (5) separate water closets operated by a generator with on-board holding tank with a 1,900 L capacity (or equivalent) is recommended to service the venue for a maximum of 120 guests.

Should you require further information, or have any questions please do not hesitate to contact the undersigned.

Sincerely,



Martin Burger
M.Eng., P.Eng.