



Project Number: 18-692-100

November 9, 2021

Manager, Environmental Site Management & Compliance  
Environmental Services  
Transportation & Works Department  
City of Mississauga  
201 City Centre Drive, 8<sup>th</sup> Floor  
Mississauga, Ontario  
L5B 2T4

Re: Letter of Intent to Decommission Septic Tanks and Monitoring Wells  
North Land: Parcels A, B, C; 6596, 6500, and 6432, Ninth Line, Mississauga, Ontario

## 1. Introduction

DS Consultants Limited (DS) is providing this letter as intent to decommission the on-site septic tanks domestic supply wells and monitoring wells present on the properties located at 6596, 6500, and 6432, Ninth Line, Mississauga, Ontario, identified as Parcels A, B and C, hereafter referred to as the "Site or Derry-Britannia development". DS has previously completed the following Phase One and Phase Two ESA investigations for the subject sites:

- ◆ "Phase One Environmental Site Assessment, Parcel A, 6596 Ninth Line, Mississauga, Ontario", dated May 29, 2019
- ◆ "Phase One Environmental Site Assessment, Parcels B, C, D, 6500, 6432, and 6400 Ninth Line, Mississauga, Ontario", dated May 31, 2019
- ◆ "Phase Two Environmental Site Assessment, Parcel A, 6596 Ninth Line, Mississauga, Ontario", dated June 28, 2019
- ◆ "Phase Two Environmental Site Assessment, Parcels B, C, D, 6500, 6432, and 6400 Ninth Line, Mississauga, Ontario", dated June 17, 2019

## 2. Septic Systems

Multiple dwellings were located across the properties and at least one (1) septic tank was discovered during the Phase One ESA investigations conducted on the Site. The location of the septic system was identified in the Phase One ESAs prepared for the different parcels. The following table identifies the location of the septic system identified:

Parcel Number	Parcel Address	Septic Location*
Parcel C	6432 Ninth Line, Mississauga, Ontario	South side of Building A

Notes: \* - Refer to Phase One ESA report for location of site buildings

The decommissioning procedure will involve the septic system being pumped out and the structure excavated. The excavated concrete will be loaded into a disposal bin and removed from the site to an



appropriate waste disposal facility. A copy of the septic pumping receipt will be provided upon decommissioning completion.

If additional septic beds are identified during the demolition process they will be decommissioned accordingly.

### 3. Domestic Water Supply Wells

Based on the results of the Phase One ESAs completed on the parcels, a domestic water supply well was identified. The location of well was indicated in the Phase One ESAs prepared for the different parcels. The following table identifies the detail of the domestic well discovered in the Phase One ESA report:

Parcel Number	Parcel Address	Well Type	Well Location*
Parcel C	6432 Ninth Line, Mississauga, Ontario	Potentially in use domestic well	South of site Building A

Notes: \* - Refer to Phase One ESA report for location of site buildings

The domestic supply well will be decommissioned by a licensed well contractor in accordance with O.Reg. 903. The excavated concrete will be loaded into a disposal bin and removed from the site to an appropriate waste disposal facility.

If additional domestic wells are identified during the demolition process they will be decommissioned accordingly.

### 4. Monitoring Wells

During the Phase Two ESA investigations, multiple monitoring wells were installed by DS. The locations of the monitoring wells are identified in the Phase Two ESAs prepared for the different parcels. During the investigations, existing monitoring wells were not identified on any of the properties. The following table list the details of the wells installed during the Phase Two ESA investigations:

Parcel Number	Parcel Address	Well Type	Well ID	Well Location*
Parcel A	6596 Ninth Line, Mississauga, Ontario	Monitoring Well	BH19-20	West side of the Property
		Monitoring Well	BH19-21	South-west portion of the property
		Monitoring Well	BH19-23	South side of the property
Parcel C	6432 Ninth Line, Mississauga, Ontario	Monitoring Well	BH19-6	Centre of the property along Ninth Line

Notes: \* - Refer to Phase Two ESA report for location of monitoring wells



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When required, DS will return to the site with a licensed well contractor to have the monitoring wells decommissioned in accord to Ontario Regulation 903. The well contractor will attempt to remove the complete well pipe from the ground. If complete removal of the pipe is not possible, the well area will be augured and back filled with bentonite. Decommissioning well records will be provided upon completion.

If additional monitoring wells from other consultants are identified, DS will arrange to have these decommissioned as well.

## 5. Closure

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Based on the preceding information, DS confirms intent to decommission known septic beds, domestic supply wells, and monitoring wells from the subject properties. Should you have any questions regarding the content of this letter please do not hesitate to contact the undersigned.

Sincerely,

**DS Consultants Ltd.**

Prepared by:

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