

Sewage System – New or Replacement

A building permit is required to ensure properly functioning sewage systems are installed and meet the minimum requirements of the Ontario Building Code.

Permit application submission requirements:

In many instances, before a building permit application can be processed and a permit issued, there are other approvals from other agencies that are required. These approvals are not administered by the Building Division and are required as part of a complete application package. Please consult the applicable law checklist prior to applying for a building permit.

This checklist provides a summary of the Building Permit submission requirements for a new or replacement sewage system and has been developed for convenience purposes only. The property owner is responsible for ensuring compliance with all County of Brant By-laws, other applicable laws, and the Ontario Building Code.

- Permit applications to be filled out and signed
- Authorization form (if applicable)
- Designer information 'Schedule 1' to be filled out
- Sewage System Installer Information 'Schedule 2' to be filled out
- County of Brant Sewage System Design Sheet to be completed
- Soil evaluation completed by a professional engineer, including:
 - Soil investigation including depth to zones of soil saturation, soil properties, and permeability
 - Date evaluation completed
- Septic system design and layout, including:
 - A site plan showing the location of the proposed septic system with setbacks and location of soil samples taken
 - Dimensions from the tank(s) and the tile runs to adjacent buildings and structures, property lines, wells, and water courses
 - The size and location of the septic tank and/or pump chamber
 - Location of the tile bed indicating the length, spacing, number of tile runs, and the dimensions of the extended contact area
 - Cross Section of the leaching bed
- The Ontario Building Code requires a copy of the service and maintenance agreement between the owner and the authorized service provider to be provided for proposed treatment unit installations other than a septic tank (if applicable).

Next steps:

- Submit the complete permit application and supporting documents through the [County of Brant website](#)
- The application is reviewed for completeness, compliance with the zoning by-law, applicable laws, and lot grading approval. Comments are provided during review to identify any outstanding requirements and to summarize all applicable fees.
- When all fees are paid, the plans are reviewed for compliance with the Ontario Building Code. The permit is issued when review is complete, and fees are paid.
- Once construction begins, inspections must be scheduled. Building inspectors review major phases of construction until occupancy and/or final is complete.

Need help?

If you have any questions, please feel free to contact us at any time, and we will assist you through the process! Call 519.44BRANT or email us at building@brant.ca

Sewage System Design Worksheet

Project Address:	Owner name:
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Building Criteria:

Item	Quantity	Fixture Units	Total Flow (L)
Total Floor Area (Includes 50% of walkout basement)			
Bedrooms			
Bathroom Groups		6	
Water Closets		4	
Urinals		1.5	
Laundry Tubs		1.5	
Kitchen Sinks		1.5	
Bathtubs/Showers		1.5	
Pantry/Bar Sink		1.5	
Dishwasher		1	
Floor Drain		3	
Other:			
Total:			

(Fixture units from Table 7.6.3.2.A, of Division B of the O.B.C.)

* Bathroom group consists of 1 water closet, 1 lavatory, and 1 bathtub or shower.

Sewage System Class 1 2 3 4 5

Type of Dispersal Bed A B N/A

Name of Tertiary Treatment Unit

Maintenance Agreement Required? Yes No

Daily Design Flow (Litres) _____

T-Time of Soil (Provide Report) _____

Water Supply Municipal Private

Distance from Well(s) _____

Size of Septic Tank (Litres) _____

Size of Pump Chamber (Litres) _____

Contact Area (m²) _____

Size of Distribution Pipe _____

Leaching Field	Type	Raised	Size (m ²)
	Trench		
	Filter Bed		
	Area Bed		
	Shallow Buried		
	Infiltrators		

Note: Site Plan and septic design drawings must be submitted with this form.

Application for a Permit to Construct or Demolish

This form is authorized under subsection 8(1.1) of the *Building Code Act, 1992*

For use by Principal Authority				
Application number:		Permit number (if different):		
Date received:		Roll number:		
Application submitted to: _____ (Name of municipality, upper-tier municipality, board of health or conservation authority)				
A. Project information				
Building number, street name			Unit number	Lot/con.
Municipality	Postal code	Plan number/other description		
Project value est. \$		Area of work (m ²)		
B. Purpose of application				
New construction	Addition to an existing building	Alteration/repair	Demolition	Conditional Permit
Proposed use of building		Current use of building		
Description of proposed work				
C. Applicant				
		Applicant is: Owner or Authorized agent of owner		
Last name	First name	Corporation or partnership		
Street address			Unit number	Lot/con.
Municipality	Postal code	Province	E-mail	
Telephone number	Fax		Cell number	
D. Owner (if different from applicant)				
Last name	First name	Corporation or partnership		
Street address			Unit number	Lot/con.
Municipality	Postal code	Province	E-mail	
Telephone number	Fax		Cell number	

E. Builder (optional)				
Last name		First name	Corporation or partnership (if applicable)	
Street address			Unit number	Lot/con.
Municipality		Postal code	Province	E-mail
Telephone number		Fax		Cell number
F. Tarion Warranty Corporation (Ontario New Home Warranty Program)				
i. Is proposed construction for a new home as defined in the <i>Ontario New Home Warranties Plan Act</i> ? If no, go to section G.			Yes	No
ii. Is registration required under the <i>Ontario New Home Warranties Plan Act</i> ?			Yes	No
iii. If yes to (ii) provide registration number(s): _____				
G. Required Schedules				
i) Attach Schedule 1 for each individual who reviews and takes responsibility for design activities.				
ii) Attach Schedule 2 where application is to construct on-site, install or repair a sewage system.				
H. Completeness and compliance with applicable law				
i) This application meets all the requirements of clauses 1.3.1.3 (5) (a) to (d) of Division C of the Building Code (the application is made in the correct form and by the owner or authorized agent, all applicable fields have been completed on the application and required schedules, and all required schedules are submitted). Payment has been made of all fees that are required, under the applicable by-law, resolution or regulation made under clause 7(1)(c) of the <i>Building Code Act, 1992</i> , to be paid when the application is made.			Yes	No
ii) This application is accompanied by the plans and specifications prescribed by the applicable by-law, resolution or regulation made under clause 7(1)(b) of the <i>Building Code Act, 1992</i> .			Yes	No
iii) This application is accompanied by the information and documents prescribed by the applicable by-law, resolution or regulation made under clause 7(1)(b) of the <i>Building Code Act, 1992</i> which enable the chief building official to determine whether the proposed building, construction or demolition will contravene any applicable law.			Yes	No
iv) The proposed building, construction or demolition will not contravene any applicable law.			Yes	No
I. Declaration of applicant				
I _____ declare that:				
(print name)				
1. The information contained in this application, attached schedules, attached plans and specifications, and other attached documentation is true to the best of my knowledge.				
2. If the owner is a corporation or partnership, I have the authority to bind the corporation or partnership.				
_____		_____		
Date		Signature of applicant		

Personal information contained in this form and schedules is collected under the authority of subsection 8(1.1) of the *Building Code Act, 1992*, and will be used in the administration and enforcement of the *Building Code Act, 1992*. Questions about the collection of personal information may be addressed to: a) the Chief Building Official of the municipality or upper-tier municipality to which this application is being made, or, b) the inspector having the powers and duties of a chief building official in relation to sewage systems or plumbing for an upper-tier municipality, board of health or conservation authority to whom this application is made, or, c) Director, Building and Development Branch, Ministry of Municipal Affairs and Housing 777 Bay St., 2nd Floor. Toronto, M5G 2E5 (416) 585-6666.



Permit Applicant Authorization

This form must be completed for all building permit applications where the applicant is the Owner's Agent

A. Project Information			
Property Address		Unit number	Lot/con.
Municipality County of Brant	Postal Code		
B. Property Owner(s)			
Last name	First name	Corporation or partnership	
Street address		Unit number	
Municipality	Postal code	Province	E-mail
Telephone number		Cell number	
C. Party to be Authorized			
Last name	First name	Corporation or partnership	
Street address		Unit number	
Municipality	Postal code	Province	E-mail
Telephone number		Cell number	
D. Declaration of Property Owner(s)			
<p>I _____, hereby Name of Property Owner(s) (please print)</p> <p>authorize and appoint the party stated in Section C of this form as my agent for the purposes of the submitted permit application. I understand that all communications and correspondence regarding this application shall be directed to the applicant.</p> <p>_____ Date _____ Signature of Property Owner(s)</p>			

Note:

1. The Ontario Building Code states that "owner includes, in respect of the property on which the construction or demolition will take place, the registered owner, a lessee or mortgagee in possession".

Personal information contained in this form is collected under the authority of Subsection 8(1.1) of the *Building Code Act, 1992*, and will be used in the administration and enforcement of the *Building Code Act, 1992*.

Schedule 1: Designer Information

Use one form for each individual who reviews and takes responsibility for design activities with respect to the project.

A. Project Information			
Building number, street name	Unit no.	Lot/con.	
Municipality	Postal code	Plan number/ other description	
B. Individual who reviews and takes responsibility for design activities			
Name	Firm		
Street address	Unit no.	Lot/con.	
Municipality	Postal code	Province	E-mail
Telephone number	Fax number		Cell number
C. Design activities undertaken by individual identified in Section B. [Building Code Table 3.5.2.1. of			
House	HVAC – House	Building Structural	
Small Buildings	Building Services	Plumbing – House	
Large Buildings	Detection, Lighting and Power	Plumbing – All Buildings	
Complex Buildings	Fire Protection	On-site Sewage Systems	
Description of designer's work			
D. Declaration of Designer			
<p>I _____ declare that (choose one as appropriate):</p> <p style="text-align: center;">(print name)</p> <p>I review and take responsibility for the design work on behalf of a firm registered under subsection 3.2.4. of Division C, of the Building Code. I am qualified, and the firm is registered, in the appropriate classes/categories.</p> <p>Individual BCIN: _____</p> <p>Firm BCIN: _____</p> <p>I review and take responsibility for the design and am qualified in the appropriate category as an "other designer" under subsection 3.2.5. of Division C, of the Building Code.</p> <p>Individual BCIN: _____</p> <p>Basis for exemption from registration: _____</p> <p>The design work is exempt from the registration and qualification requirements of the Building Code.</p> <p>Basis for exemption from registration and qualification: _____</p> <p>I certify that:</p> <ol style="list-style-type: none"> 1. The information contained in this schedule is true to the best of my knowledge. 2. I have submitted this application with the knowledge and consent of the firm. <p style="text-align: center;"> _____ Date Signature of Designer </p>			

NOTE:

1. For the purposes of this form, "individual" means the "person" referred to in Clause 3.2.4.7(1) (c) of Division C, Article 3.2.5.1. of Division C, and all other persons who are exempt from qualification under Subsections 3.2.4. and 3.2.5. of Division C.
2. Schedule 1 is not required to be completed by a holder of a license, temporary license, or a certificate of practice, issued by the Ontario Association of Architects. Schedule 1 is also not required to be completed by a holder of a license to practise, a limited license to practise, or a certificate of authorization, issued by the Association of Professional Engineers of Ontario.

Schedule 2: Sewage System Installer Information

A. Project Information			
Building number, street name		Unit number	Lot/con.
Municipality	Postal code	Plan number/ other description	
B. Sewage system installer			
Is the installer of the sewage system engaged in the business of constructing on-site, installing, repairing, servicing, cleaning or emptying sewage systems, in accordance with Building Code Article 3.3.1.1, Division C?			
Yes (Continue to Section C)	No (Continue to Section E)	Installer unknown at time of application (Continue to Section E)	
C. Registered installer information (where answer to B is "Yes")			
Name		BCIN	
Street address		Unit number	Lot/con.
Municipality	Postal code	Province	E-mail
Telephone number	Fax	Cell number	
D. Qualified supervisor information (where answer to section B is "Yes")			
Name of qualified supervisor(s)		Building Code Identification Number (BCIN)	
E. Declaration of Applicant:			
<p>I _____ declare that:</p> <p style="text-align: center;">(print name)</p> <p>I am the applicant for the permit to construct the sewage system. If the installer is unknown at time of application, I shall submit a new Schedule 2 prior to construction when the installer is known;</p> <p><u>OR</u></p> <p>I am the holder of the permit to construct the sewage system, and am submitting a new Schedule 2, now that the installer is known.</p> <p>I certify that:</p> <ol style="list-style-type: none"> 1. The information contained in this schedule is true to the best of my knowledge. 2. If the owner is a corporation or partnership, I have the authority to bind the corporation or partnership. <p>_____</p> <p style="text-align: center;">Date Signature of applicant</p>			