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Sewage Systems Guide

A sewage systems building permit is required to install a new septic system, repair, or replace any part of the septic system. The daily design flow needs to be 10,000 litres/day or below for the entire site.

Sewage works is required if the daily design flow exceeds 10,000 litres/day for the entire site. An Environmental Compliance Certificate (ECA) is required from the Ministry of Environment, Conservation and Parks (MECP) for sewage works.

This guide and application is intended to be used for the design and building permit application associated with Class 2 (Greywater System), Class 3 (Cesspool), Class 4 (Leaching Bed System), or Class 5 (Holding Tank) sewage systems.

Class 1: A sewage system used for the disposal of human body wastes (no added water) and includes all forms of privy. A building permit is not required for the construction of a Class 1 sewage system; however, there are Ontario Building Code requirements for the construction of a Class 1 sewage system. Refer to the Ontario Building Code section 8.3 for detailed information.

Class 2: A sewage system leaching pit used for the disposal of greywater (sink, tub, shower, and laundry waste with a maximum daily design greywater flow of 1000 litres/day).

Class 3: A sewage system cesspool used for the disposal of human body waste from a Class 1 sewage system with a maximum daily design sanitary sewage flow of 1000 litres/day.

Class 4: A sewage system which consists of a treatment unit of a leach bed system with a maximum daily design sanitary sewage flow of 10,000 litres/day.

Class 5: A sewage system that utilizes a holding tank for the retention of on-site sanitary sewage with a maximum daily sanitary sewage flow of 10,000 litres/day and is transported off-site by a licensed sewage hauler.

This guide is for informational purposes only. Follow the steps that will guide you through the design process for the application and return the entire completed application guide with the required documentation listed below. It is the responsibility of the Applicant/Designer to review the building code to ensure all information is complete, accurate, and up to date.

New Construction and Full System Replacements:

A complete septic system application includes the following:

Completed Forms, required documents, and fees checklist:

- Application to Construct or Demolish
- Schedule 1: Designers Information signed by qualified systems designer.
- Schedule 2: Septic Systems Installers Information signed by qualified installer.
- Applicant Authorization Form is applicant is not the property owner.
- Completed detailed Septic System summary, work sheets, site plan, and details.
- Evaluated Percolation time ("T" time) from a licensed soil testing agency.
- Building Materials Evaluation Commission (BMEC) or CAN/BNQ "Onsite Residential Wastewater Treatment Technologies" approvals (if applicable).
- Septic permit fee.

Building additions, renovations, and construction that affect the sewage system:

Modifications (additions, renovations, change of use) made to existing buildings may reduce the performance level of the sewage system in the following situations:

- The changes to the building result in an increase in occupant load which results in a new daily design sanitary sewage flow that exceeds the capacity of any component of the existing sewage system,
- The number of bedrooms in a dwelling or dwelling unit is increased,
- Proposed construction exceeds 15% of the finished (gross) area of the dwelling or dwelling unit,
- Additional (new) plumbing fixtures are added to the dwelling or dwelling unit,
- If the existing building's major occupancy is changed to another major occupancy through change of use.

If any of the above apply to your building project, applicants must submit a completed septic application to the Township of Selwyn Building Department for review and approval prior to building.

Please contact the Township of Selwyn Building Department if you have any questions or concerns regarding your new or existing sewage system.

**NO PERSON SHALL CONSTRUCT A SEWAGE SYSTEM UNLESS A PERMIT HAS BEEN
ISSUED BY APPROVAL OF THE CHIEF BUILDING OFFICIAL**



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 (if known)				
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. New home construction licensing requirement				
i. Is the proposed construction for a new home as defined in the <i>New Home Construction Licensing Act, 2017</i> ? If no, go to section G.			Yes	No
ii. Is a licence required under the <i>New Home Construction Licensing Act, 2017</i> ?			Yes	No
iii. If yes to (ii) provide licence 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., 12th Floor. Toronto, ON M7A 2J3 (416) 585-6666.



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 Division C]			
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;">_____</p> <p style="display: flex; justify-content: space-between;"> 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 Professional Engineers 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 style="text-align: center;">_____</p> <p style="text-align: center;">Date Signature of applicant</p>			