

Building Division

On-Site Sewage System

Permit Application Guide



Description

A building permit application for a private on-site sewage system - commonly referred to as a septic system.

General Information

A building permit is required for any repair, upgrade or material alteration to an existing sewage system or to install a new sewage system. A building permit will allow the construction and installation or repair to a private on-site sewage system.

Alteration or Upgrade

If proposed construction, renovation or alteration to a Building includes a change of use, the addition of bedrooms, plumbing fixtures or causes an increase in floor area then an evaluation of the existing sewage system is required. A formal evaluation of the system will determine if the changes will exceed the capacity of any component of the sewage system serving the dwelling unit or building being altered. The evaluation is to include calculations of total daily design of sanitary sewage flow and type of sewage system.

Required Documents and Drawings

Survey or Site Plan

A survey or site plan showing the footprint of the house and all accessory structures, driveway, landscaping and grade elevations. Location of all sewage system components such as tanks, distribution pipe, leaching bed and mantle if applicable, to be dimensioned in relation to existing structures, property lines, water wells on the property and adjacent properties. Note any other pertinent information that would affect the design or use of the system. Clearance distances to be identified and dimensioned to all bodies of water, rivers, watercourses and water wells on adjacent properties. Show existing and proposed grade elevations and slope on leaching bed and swales. Plan must be drawn to scale.

Plans

Plan of proposed sewage system fully dimensioned. Indicate size of septic and/or treatment tank(s), leaching bed, distribution piping and mantle if applicable. Existing and proposed grade elevations to be noted. Include base cut elevation on leaching bed.

Cross Section (filled based leaching beds only)

A cross section of the leaching bed showing grade elevations for: finished grade, stone, pipe, top of filter medium/sand or native soil and base cut. Mantle base slope, if applicable, to be stepped in the direction effluent will flow.

Design Calculations – Sewage System Design Flows

The total daily design of sanitary sewage flow is to be calculated in accordance with the Ontario Building Code Div. B 8.2.1.3 (1) or 8.2.1.3 (2). Provide calculations for the type of system, including size of tank(s), calculations for length of distribution piping, area of stone, leaching bed and loading rates based on percolation time of underlying native soil.

Balanced systems may be permitted however will need to be sealed by a Professional Engineer and be accompanied by a Commitment to General Review and a Final As-Built report sealed by the Professional Engineer.

Site Evaluation

Pursuant to Sentence 8.2.1.2.(1), a site evaluation shall be conducted on every property where a new or replacement sewage system is to be installed. The percolation time of the native soil shall be determined by conducting a minimum of three percolation tests or by a soil engineer's grain size analysis. Both

methods to provide the T-time of the soil classified in accordance with the Unified Soil Classification System as described in MMAH Supplementary Standard SB-6, "Percolation Time and Soil Descriptions".

Required Forms

- **Application for a Permit to Construct or Demolish**
- **Schedule 1 Designer Information**
- **Schedule 2 Sewage System Installer Information**
- **Owner's Authorization Form** * if required
- **Zoning Declaration Form**

Exemptions - Schedule 1

If drawings are prepared, stamped and signed by a Professional Engineer they are exempt from submitting a Schedule 1. Property owners may prepare and submit drawings for a sewage system however must supply a Schedule 1. A Schedule 2 shall be supplied by the installer carrying out construction, repair, servicing or design activities.

Note: Drawings prepared by a qualified Designer, or licensed sewage system contractor, as defined by the Ontario Building Code shall include designer's name, Building Code Identification Number (BCIN), signature, and statement that the designer has reviewed and takes responsibility for the design and meets the qualifications set out in the Ontario Building Code as a Designer or other/independent Designer.

Required Fees – Residential Sewage System

Building permit application fees can be found on the Townships website here: [Fees and Charges By-Law](#)

Permit Fee - Alteration or Repair	As Per Fees & Charges By-Law
Permit Fee - New System	As Per Fees & Charges By-Law
Road Damage Deposit - all Municipal roadways	\$5,000.00

Apply Online

All applications for building permits are to be submitted online. To submit an application for building permit applicants will be asked to provide the above forms, fees and digital copies of the specified drawings. For further information regarding online submission application requirements please visit our Website page [Electronic Building Permit Application](#).

Additional Requirements/Approvals/ Applicable Law

The Building Code Act prohibits the issuance of a Building permit if the proposed construction or demolition will contravene any applicable law as defined in the Ontario Building Code. Please verify all approvals that may be necessary to submit a complete application. The following are examples:

- **Approval or Permit from Lake Simcoe Region Conservation Authority or Toronto Region Conservation Authority,**
- **Site Plan Development Approval/Agreement** (where applicable).

Should you have any questions or require clarification please contact the Building Division, King Township, 2585 King Road, King City, L7B 1A1 (905) 833-5321

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				
<p>I _____ declare that:</p> <p>(print name)</p> <ol style="list-style-type: none"> The information contained in this application, attached schedules, attached plans and specifications, and other attached documentation is true to the best of my knowledge. If the owner is a corporation or partnership, I have the authority to bind the corporation or partnership. <p>_____</p> <p>Date Signature of applicant</p>				

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. <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 30%;"> <p>_____</p> <p style="text-align: center;">Date</p> </div> <div style="width: 60%;"> <p>_____</p> <p style="text-align: center;">Signature of Designer</p> </div> </div>				

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. <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 30%;"> <p>_____</p> <p>Date</p> </div> <div style="width: 60%;"> <p>_____</p> <p>Signature of applicant</p> </div> </div>			

Building Division

Letter of Authorization



Information

Property Address: _____

Legal Description: _____

Roll Number: _____

Personal Information

Name: _____

Phone No.: _____

Address: _____

Email: _____

Authorizing Letter

To Whom it May Concern:

I/We, the above, do give _____ permission to act as our agent in applying to the Township of King for a building permit for the following projects:

(check all that apply)

- ☐ Demolition of Accessory Structure
- ☐ Demolition of Residential Building
- ☐ Demolition of Commercial/Industrial Building
- ☐ Construction of Dwelling
- ☐ Addition to Dwelling
- ☐ Construction of Accessory Structure
- ☐ Construction of a Deck
- ☐ Construction of Commercial/Industrial Building
- ☐ Renovation to Existing Building
- ☐ Other: (please specify) _____

Property Owner Signature: _____ Date: _____

Property Owner Signature: _____ Date: _____

Authorized Agent Signature: _____ Date: _____