

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.

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 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="display: flex; justify-content: space-between;"> Date Signature of applicant </p>			

Directions to building site	Map
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Soils Certification

I, _____ (Licensed Installer under Section 3.3 of the Building Code Act), verify that the material used in the construction of the sewage system, under the permit herein, meets the requirements of the Ontario Building Code, the percolation rate identified on the permit and the soils analysis submitted to Faraday Township from:

(Name of pit)

Note: *Leaching bed fill* means soil used for the construction of conventional and chamber leaching beds, filter beds, dispersal beds, and area beds as prescribed under specific Building Materials Evaluation Commission authorizations. It may not include a requirement for other soils as prescribed by treatment unit manufacturers; check with the manufacturer before installation. The silt content of leaching bed fill must be included in the analysis.

Faraday Township may require you to submit soil samples for analysis.

 Licensed installer's signature

 Date

Owner Authorization

I/we, _____, being the legal owner(s) of the property described as Lot _____, Concession _____, Parts(s)/Sublot(s) _____ of Registered Plan of Survey/Subdivision _____, in the Municipality of Faraday Township, located at Civic Address _____,

certify that _____ is authorized to submit an Application to Construct or Demolish for the purposes of installing a sewage system in accordance with Ontario Regulation 332/12, and to act as my/our representative for any associated site inspections.

I/we certify that all information and material provided for the purpose of this application is accurate.

Signature of legal owner(s): _____

Sewage System Calculation Page

1. Daily design sewage flow (DDSF) (Q)																																																																											
See Table 1 – DDSF values for bedrooms _____ (litres per day) (A)																																																																											
Total floor area _____ (metres ²)																																																																											
For every 10 metres ² or part thereof over 200 metres ² , up to 400 metres ² x 100 = _____ (litres per day)																																																																											
For every 10 metres ² or part thereof over 400 metres ² , up to 600 metres ² x 75 = _____ (litres per day)																																																																											
For every 10 metres ² or part thereof over 600 metres ² _____ x 50 = _____ (litres per day)																																																																											
Total DDSF for floor area _____ (litres per day) (B)																																																																											
See Table 2 - Total fixture units _____																																																																											
Each fixture unit over 20 _____ x 50 = _____ (litres per day) (C)																																																																											
DDSF (Q) = _____ (A) + _____ (larger of (B) or (C)) = _____ (litres per day) (Q)																																																																											
2. Leaching bed size (metres)																																																																											
Conventional - Total length of distribution pipe (L) = (Q x T) ÷ 200																																																																											
Treatment systems or chambers - Total length of distribution pipe (L) = (Q x T) ÷ 300																																																																											
Total length of distribution pipe (L) = (_____ (Q) x _____ (T)) Percolation time of native or imported soil ÷ (200 or 300) = _____ (metres)																																																																											
3. Filter bed loading area (metres²)																																																																											
If Q ≤ 3000 litres per day, use Q ÷ 75																																																																											
If Q > 3000 litres per day, use Q ÷ 50																																																																											
Level II-IV treatment unit only, use Q ÷ 100																																																																											
Loading area = _____ (Q) ÷ _____ (75, 50 or 100) = _____ (metres²)																																																																											
4. Filter bed contact area (metres²)																																																																											
Contact area = (_____ (Q) x _____ (T)) ÷ 850 = _____ (metres²)																																																																											
Contact area = (Q x T) ÷ 850																																																																											
Use T of native soil; if contact area < loading area, use loading area for both values																																																																											
5. Shallow buried trenches (metres)																																																																											
See Table 4 - Shallow buried trench length (L) = _____ (Q) ÷ _____ (75, 50 or 30) = _____ metres																																																																											
6. Type A dispersal bed (metres²)																																																																											
Stone layer																																																																											
If Q ≤ 3000 litres per day, use Q ÷ 75																																																																											
If Q > 3000 litres per day, use Q ÷ 50																																																																											
Stone layer = _____ (Q) ÷ _____ (75 or 50) = _____ (metres²)																																																																											
Sand layer																																																																											
If T is between 1 and 15 use (Q x T) ÷ 850																																																																											
If T is greater than 15 use (Q x T) ÷ 400																																																																											
Sand layer = (_____ (Q) x _____ (T)) ÷ (850 or 400) = _____ (metres²)																																																																											
Use T of native soil; if sand layer area < stone layer area, use stone layer area for both values																																																																											
7. Type B dispersal bed (metres²)																																																																											
Area = (Q x T) ÷ 400																																																																											
Area = ((Q) _____ x _____ (T)) ÷ 400 = _____ (metres²)																																																																											
Linear loading rate																																																																											
If T < 24 minutes, use 50 litres per minute																																																																											
If T ≥ 24 minutes, use 40 litres per minute																																																																											
Pump chamber capacity (Q) = _____ (litres)																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="4" style="text-align: left;">Table 1 – DDSF values for bedrooms <small>(Ontario Building Code, Division B, Part 8, Table 8.2.1.3.A)</small></th> <th colspan="2" style="text-align: left;">Table 2 – Fixture units <small>(Ontario Building Code, Division B, Part 7, Table 7.4.9.3)</small></th> <th colspan="2" style="text-align: left;">Table 3 – Loading rates for fill based absorption trenches and filter beds <small>(Ontario Building Code, Division B, Part 8, Table 8.7.4.1)</small></th> </tr> <tr> <th>Bedrooms</th> <th>Litres per day</th> <th>Bedrooms</th> <th>Litres per day</th> <th></th> <th>Number of units</th> <th>Percolation time (T) of soil (minutes)</th> <th>Loading rates (litres per metres²) per day</th> </tr> <tr> <td rowspan="3">1</td> <td rowspan="3">750</td> <td rowspan="3">4</td> <td rowspan="3">2000</td> <td>Bathroom group (3 to 4 piece bathroom)</td> <td>_____ x 6.0 = _____</td> <td>1 < T ≤ 20</td> <td>10</td> </tr> <tr> <td>Bathtub (with or without shower)</td> <td>_____ x 1.5 = _____</td> <td>20 < T ≤ 35</td> <td>8</td> </tr> <tr> <td>Toilet</td> <td>_____ x 4.0 = _____</td> <td>35 < T ≤ 50</td> <td>6</td> </tr> <tr> <td rowspan="3">2</td> <td rowspan="3">1100</td> <td rowspan="3">5</td> <td rowspan="3">2500</td> <td>Clothes washer</td> <td>_____ x 1.5 = _____</td> <td>T > 50</td> <td>4</td> </tr> <tr> <td>Dishwasher</td> <td>_____ x 1.0 = _____</td> <td colspan="2" style="text-align: left;">Table 4 – Shallow buried trench length <small>(Ontario Building Code, Division B, Part 8, Table 8.7.3.1)</small></td> </tr> <tr> <td>Laundry tubs</td> <td>_____ x 1.5 = _____</td> <th>Percolation time (T) of soil (minutes)</th> <th>Length of distribution pipe (metres)</th> </tr> <tr> <td rowspan="3">3</td> <td rowspan="3">1600</td> <td rowspan="3">Per bedroom over 5</td> <td rowspan="3">500</td> <td>Shower drain</td> <td>_____ x 1.5 = _____</td> <td>1 < T ≤ 20</td> <td>Q ÷ 75 metres</td> </tr> <tr> <td>Sinks</td> <td>_____ x 1.5 = _____</td> <td>20 < T ≤ 50</td> <td>Q ÷ 50 metres</td> </tr> <tr> <td>Other</td> <td>_____ x . = _____</td> <td>50 < T < 125</td> <td>Q ÷ 30 metres</td> </tr> <tr> <td colspan="4"></td> <td colspan="2" style="text-align: right;">Total = _____</td> <td colspan="2"></td> </tr> </table>				Table 1 – DDSF values for bedrooms <small>(Ontario Building Code, Division B, Part 8, Table 8.2.1.3.A)</small>				Table 2 – Fixture units <small>(Ontario Building Code, Division B, Part 7, Table 7.4.9.3)</small>		Table 3 – Loading rates for fill based absorption trenches and filter beds <small>(Ontario Building Code, Division B, Part 8, Table 8.7.4.1)</small>		Bedrooms	Litres per day	Bedrooms	Litres per day		Number of units	Percolation time (T) of soil (minutes)	Loading rates (litres per metres ²) per day	1	750	4	2000	Bathroom group (3 to 4 piece bathroom)	_____ x 6.0 = _____	1 < T ≤ 20	10	Bathtub (with or without shower)	_____ x 1.5 = _____	20 < T ≤ 35	8	Toilet	_____ x 4.0 = _____	35 < T ≤ 50	6	2	1100	5	2500	Clothes washer	_____ x 1.5 = _____	T > 50	4	Dishwasher	_____ x 1.0 = _____	Table 4 – Shallow buried trench length <small>(Ontario Building Code, Division B, Part 8, Table 8.7.3.1)</small>		Laundry tubs	_____ x 1.5 = _____	Percolation time (T) of soil (minutes)	Length of distribution pipe (metres)	3	1600	Per bedroom over 5	500	Shower drain	_____ x 1.5 = _____	1 < T ≤ 20	Q ÷ 75 metres	Sinks	_____ x 1.5 = _____	20 < T ≤ 50	Q ÷ 50 metres	Other	_____ x . = _____	50 < T < 125	Q ÷ 30 metres					Total = _____			
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				Total = _____																																																																							

Sewage System Specifications Page

OFFICE USE ONLY	Application number
Name	Date Submitted
Fee number	Fee amount
Renewal date	Date entered

Structure	<input type="checkbox"/> New <input type="checkbox"/> Existing	<input type="checkbox"/> Residential <input type="checkbox"/> Commercial	If the sewage system is non-residential, attach a separate copy of the specifications and plans.	
Number of bedrooms	Number of fixture units	Total finished area _____ (metres ²) <input type="checkbox"/> Including walkout basement	Daily design sewage flow (Q) _____ (litres per day) Account for backwash water from any water treatment unit (i.e. water softener)	Septic tank capacity (2 x Q) _____ (litres) (minimum of 3600 litres)

Water supply	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing	<input type="checkbox"/> Drilled Well Casing depth _____ (metres)	<input type="checkbox"/> Dug, bored, or blasted well <input type="checkbox"/> Sandpoint or drivepoint	<input type="checkbox"/> Municipal <input type="checkbox"/> Cistern	<input type="checkbox"/> Surface water <input type="checkbox"/> Shore well
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Soils
Indicate soil types (sand, silt, clay), bedrock, and the high ground water table below.

Test Pit (metres)

0.0	_____
0.3	_____
0.6	_____
0.9	_____
1.2	_____
1.5	_____

Estimated percolation rate of native soil
T = _____ (minutes per centimeter)

Tested percolation rate of imported soil
T = _____ (minutes per centimeter)

Holding tank capacity (7 x Q) (Class 5 only)
(minimum of 9000 litres)

_____ (litres)

Class 4 sewage system type

Conventional leaching bed
 Chamber system leaching bed
 Filter media bed
 Building Materials Evaluation Committee area bed
 Shallow buried trenches*
 Type A dispersal bed*
 Type B dispersal bed*

* These sewage systems **require** a Level IV treatment unit certified to the CAN/BNQ 3680-600 standard, or a treatment unit described in Supplementary Standard SB-5.

Treatment unit

Level II Level III Level IV
 Service agreement provided
 Manufacturer _____
 Model _____
 Building Materials Evaluation Committee authorization provided

Conventional leaching bed (minimum 40 metres)

Total distribution pipe _____ (metres)

Mantle required Pump required

Chamber system leaching bed (minimum 40 metres)

Total chamber length _____ (metres)

Manufacturer _____
 Model _____
 Number of pieces _____

Mantle required Pump required

Filter media bed

Loading area _____ (metres²)
 Contact area _____ (metres²)
 Total distribution pipe _____ (metres)

Mantle required Pump required

Shallow buried trenches (minimum 30 metres)

Total trench length _____ (metres)

Building Materials Evaluation Committee area or type A dispersal bed

Stone layer area _____ (metres²) Sand layer area _____ (metres²) Mantle required

Type B dispersal bed Stone layer area _____ (metres²) Linear loading rate 50 litres per metre 40 litres per metre
 Pump chamber capacity _____ (litres)

Loading rate (from Table 3) = _____ (Q) ÷ _____ (litres per metres² per day) = _____ area (metres²)

Recommendations or conditions (for office use only)

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Sewage System Plans Page

Office Use Only
Application number
Name

Lot diagram and sewage system plan (drawing must be accurate, to scale, indicate north point and show the following):

(a) Location of sewage system components (e.g. tank(s), leaching bed(s), etc). Locate and show horizontal distances from system to adjacent existing or proposed buildings, water supplies (including neighbours), existing on-site systems, driveways, property lines, lakes, rivers, springs, water courses, swimming pools.

(b) Lot dimensions topographic features (e.g., swamps, steep slopes) near system.

Benchmark

1 square = _____ (metres or feet)

DRAW TO SCALE

Sewage System Cross Section (For new sewage systems only)

Approved Rejected (See recommendations on previous page)

Inspector: _____

Date: _____

Chief Building Official: _____

Date: _____

Permit to install a Class 2, 3, 4, 5 Sewage System under section 8-(1) (2) of the Building Code Act, S.O. 1992, C.23. This permit is issued to the owner to construct, install, alter, extend, enlarge or continue to use a Class _____ sewage system. Any person who is not issued a permit may apply to the Building Code Commission for any issues involving the Building Code or Compliance to the Code.

NOTE: This approval expires 12 months after the date of issue.