



Sewage System Design Summary Single Detached Dwellings

Project Information

Project Address:

Owner Name:

Sewage System Designer:

Sewage System Designer Building Code Identification Number (BCIN):

Purpose of Application: Repair Existing New System

Water Supply: Municipal Water Dug Well Drilled Well

Sewage System Design Flows

Table 1 - Sewage System Design Flows (Ontario Building Code Table 8.2.1.3.A)

Residential Occupancy	Total number of Bedrooms or Floor Area	Volume in Litres based in OBC
Number of Bedrooms between 1 and 5		(A)
Number of Bedrooms in excess of 5		(B)
Total Finished Floor Area Above Grade		(C)

Table 2 - Fixture Information

Fixture Type	Number of Fixture Type	Fixture Units	Total Fixture Number (Number of Fixture Type x Fixture Units)
Kitchen Sink		1.5	
Laundry Washbasins		1.5	
Washing machine with 2 inch trap		1.5	
Bathroom Group		6	
Water Closets		4	
Lavatory		1.5	
Bathtubs (with or without shower)		1.5	
Shower 1 head		1.5	
Shower 2 or 3 heads		3	
Shower 4 to 6 heads		6	
Floor Drain 2 Inch Trap		2	
Floor Drain 3 Inch Trap		3	
Other			
Grand Total for Total Fixture Number (D)			

Total Daily Design Sanitary Sewage Flow (A – Volume in Litres + the greater of B – Volume in Litres, C – Volume in Litres, or D – Grand Total Number of Fixtures)

Sewage System Design Information

Class of System according to Ontario Building Code 8.1.2.1

Working Capacity of Septic Tank in litres according to Ontario Building Code 8.2.2.3

Classification of Treatment Unit (if not a septic tank) according to Ontario Building Code Table 8.6.2.2

Manufacturer and Model Number of Treatment Unit. Please provide a copy of AN/BMQ 3680-600 approval or Building Materials Evaluation Committee (BMEC) approval (if not a septic tank) Ontario Building Code 8.6.2.2

Percolation Time of Soil. Provide site evaluation report according to Ontario Building Code 8.2.1.2

Table 3 - Leaching Bed Design Information

Type	Height of Bed Above Original Grade	Total Length of Distribution Pipe	Contact Area Size
Absorption Trench (Ontario Building Code 8.7.3)			
Fill Based Absorption Trench (Ontario Building Code 8.7.4)			
Filter Bed (Ontario Building Code 8.7.5)			
Shallow Buried Trench (Ontario Building Code 8.7.6)			

Type	Height of Bed Above Original Grade	Total Length of Distribution Pipe	Contact Area Size
Type A Dispersal Bed (Ontario Building Code 8.7.7)			
Type B Dispersal Bed (Ontario Building Code 8.7.8)			

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 City of Brantford, 58 Dalhousie Street, Brantford, N3T 2M2, (519) 759-4150, or, b) Director, Building and Development Branch, Ministry of Municipal Affairs and Housing 777 Bay St., 2nd Floor, Toronto, M5G 2E5, (416) 585-6666