

Class 2 Sewage System (Leaching or Greywater Pit) Plans and Specifications

1. Project information		
Street Number, Street Name		Unit number
Municipality		Lot/con.
Postal code	Plan number/other description	

2. Water supply

Existing
 Drilled well - casing depth _____ (metres)
 Shore well
 Cistern
 Surface water
 Proposed
 Dug, bored, or blasted well
 Municipal
 Sandpoint or drivepoint well
 Other

3. Fixture units for new or existing dwellings (see Ontario Building Code Table 7.4.9.3 for non-residential)	5. Soils	6. Sidewall loading rate (LR) (litres per metres ² per day)
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	Number of fixtures	Fixture units
Bathtub (with or without shower)	_____ x 1.5	_____
Clothes washer	_____ x 1.5	_____
Dishwasher	_____ x .5	_____
Laundry tubs	_____ x 1.5	_____
Shower drain	_____ x 1.5	_____
Sinks	_____ x 1.5	_____
Total fixture units _____		

Subsurface conditions encountered

Rock and high ground water table	Depth (metres)	Soil type (sand, silt, clay)
↓	↓	↓
	0	
	0.3	
	0.6	
	0.9	
	1.2	
	1.5	

Percolation time (T)

(LR) = 400 ÷ _____ (T) = _____

Use (T) of **existing** soil

4. Daily design sewage flow (DDSF) (Q) (litres per day)

(Note: must be less than 1000 litres per day)

Pressurized water (P)

(200 litres per fixture unit per day)

Non-pressurized water (N)

(125 litres per fixture unit per day)

(DDSF) (Q) =
 _____ (total fixture units) X _____ (P or N) = _____

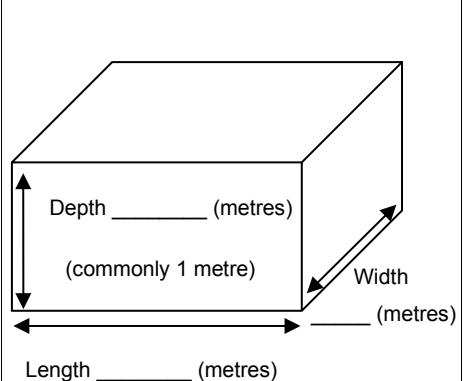
Estimate (T) of existing soil
 The percolation time of the existing soil is between _____ and _____ minutes per centimetre.

Estimate (T) of imported soil
 The percolation time of the imported soil is between _____ and _____ minutes per centimetre.

7. Total sidewall area (metre²)

A = (Q ÷ LR) = _____ (metres²)

(A is the **total** area of all 4 walls combined)



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 City of Kingston

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.

City of Kingston may require you to submit soil samples for analysis.

Licensed installer's signature:

Date: