

**BUILDING PERMIT APPLICATION – ONSITE SEWAGE SYSTEM  
SCHEDULE 3C – PROPOSAL TO CONSTRUCT CLASS 4 SEWAGE SYSTEM**

**Septic Tank Use Existing**  **New CSA Standard**  **(Q x 3 if non-residential use)**

Residential Occupancy **Q** \_\_\_\_\_ X 2 = \_\_\_\_\_ litres  
Residential with Garburator **Q** \_\_\_\_\_ X 2.5 = \_\_\_\_\_ litres

**Proposed Working Capacity** \_\_\_\_\_ litres (min. 3600L)

**Treatment Unit (specify)** \_\_\_\_\_ **Operating Capacity** \_\_\_\_\_ litres/day

**Class 4F Filter Bed**

If Q is 3000 litres or less  $Q = \text{_____} \div 75 = \text{_____}$  Sq. Metres

If Q is more than 3000 litres  $Q = \text{_____} \div 50 = \text{_____}$  Sq. M.  $\div 2$  beds of \_\_\_\_\_ Sq. M.

If Treatment Unit  $Q = \text{_____} \div 100 = \text{_____}$  Sq. Metres

Extended Contact Area (Base of Filter)  $\frac{Q \times T}{850} = \frac{\text{_____} \times \text{_____}}{850} = \text{_____}$  Sq. Metre Contact

**PROPOSAL: # of Beds** \_\_\_\_\_ **Filter Bed Area** \_\_\_\_\_ m<sup>2</sup> **Contact Area** \_\_\_\_\_ m<sup>2</sup> **Raised height** \_\_\_\_\_ m.

**Class 4 Trench Bed** Absorption trench( \*  $\div 300$  if treatment unit )

T-time (percolation rate of soil used for calculation.) Native Imported Raised height \_\_\_\_\_ m.

$Q \times T \div 200^* = \text{_____} \times \text{_____} \div 200^* = \text{_____}$  m.  $\div$  no. of runs \_\_\_\_\_ = \_\_\_\_\_ m. per run

**Class 4 Loading Rates - Area requirements** **LOADING AREA – EXISTING** \_\_\_\_\_ **PROPOSED** \_\_\_\_\_  
(Native T<15) (Imported T>15)

**Percolation Time of Existing (in-situ) Soils**

If "T" is: 1 < 20 ..... Use:  $\frac{Q}{10} = \frac{\text{_____}}{10} = \text{_____}$  m<sup>2</sup>  
If "T" is: 20 --- 35 ..... Use:  $\frac{Q}{8} = \frac{\text{_____}}{8} = \text{_____}$  m<sup>2</sup>  
If "T" is: 35 --- 50 ..... Use:  $\frac{Q}{6} = \frac{\text{_____}}{6} = \text{_____}$  m<sup>2</sup>  
If "T" is: > 50 ..... Use:  $\frac{Q}{4} = \frac{\text{_____}}{4} = \text{_____}$  m<sup>2</sup>

**OFFICE USE ONLY**

SEWAGE SYSTEM PERMIT FEES	
New Sewage system	\$450.00
New Septic Tank	\$200.00
Leaching Bed Replacement	\$250.00
Sewage system Repair	\$250.00
Leaching Pit	\$250.00
Compliance inspection/report	\$250.00

<b>PERMIT FEE</b>	<b>\$</b>
-------------------	-----------

<b>Fee paid</b>	<b>\$</b>	<u>Receipt#</u>
-----------------	-----------	-----------------