Oshawa

| Date: | By: |
|---|---|
| Soil Classification: | Est. Perc. Rate (min/cm): |
| Sieve Analysis (Yes or No): | High Water Table Level (in, m): |

Please Circle the Appropriate Option:     Install          Repair          Alter

Site Inspection:

Soil Profile (m):

Water Supply (Common source of water - include proposed, existing municipal, dug/bored, or drilled):

Class of System:          1, 2, 3          4          5
(Please Circle the Appropriate Option)

### Number of Fixture Units

| Type | # of Fixtures | | Total |
|---|---|---|---|
| Water Closet (toilet) | | X 4.0 | = |
| Bathtub or Shower | | X 1.5 | = |
| Washbasin | | X 1.5 | = |
| Laundry Tub | | X 1.5 | = |
| Clothes Washer | | X 1.5 | = |
| Dishwasher | | X 1.5 | = |
| Kitchen Sink | | X 1.5 | = |
| Bathroom Group | | X 6.0 | = |
| Other | | | |
| | | Total = | |

Daily Sewage Flow (DSF) _____ L/day
# of Bedrooms_____ (max 2500L) Living Space_____m$^2$

1. Base Flow from # of bedrooms_____ (max 2500 L)

2. Additional Flow based on dwelling size: (each 10m$^2$ or part there of, 100L over 200 to 400 m$^2$. 75L for 400 to 600m$^2$, 50L for > 600m$^2$)_____

3. Additional flow based on fixture units: 50L per each unit over 20:_____

4. Additional Flow for each bedroom over 5 (500 L) _____

Total of 1 (Base Flow) plus the greater of 2,3, or 4= _____

### Tanks:

Septic Tank Size (Residential):

| DSF x 2 = | Proposed (L): |
|---|---|

Septic Tank Size (Non-Residential):

| DSF x 3 = | Proposed (L): |
|---|---|

Holding Tank Size (Residential):

| Minimum DSF x 7 = | Proposed (L): |
|---|---|

Holding Tank Size (Non-Residential):

| Minimum 9000 L Proposed (L): |
|---|

Other Treatment Unit:

| (L): |
|---|

## Oshawa

**Dosed Systems:**

Size of Pump Chamber:

| (L): | Litres Per Dose: |
|---|---|

| Balancing Tank Size (L): | Number of Doses Per Day (L): |
|---|---|
| Size of Dose (L): | Type of Control Panel: |

**Type of Leaching Bed:**

Please Circle the Appropriate Option:

Conventional    Filter Bed    Type A    Type B    Other    In Ground
Trench

Raised (m) Above Existing Grade:

Percolation Rate of Fill:

**Conventional Trench:**

DSF x T/200 =_____ m Configured as _____ runs of _____ m = _____ m

**Filter Bed:**

Effective Area:

DSF/75 L/m$^2$ (≤3000 L/day)= _____ m$^2$ Configured as _____ m x _____ m = _____m$^2$

DSF/50 L/m$^2$ (> 3000-5000 L/day) _____ /50 = _____ m$^2$ Configured as _____ m x _____ m = _____ m$^2$

# of Cells _____

Distribution Pipes: Configured as _____ runs of _____ m = _____ m

Expanded Contact Area:

Q x T/850 = _____ x_____ /850= _____ m$^2$ Configured as _____m x _____ m = _____m$^2$

**Loading Rate:**

Please Circle the Appropriate Option:    Imported    or    Regular

DSF/Loading Rate Factor= _____m$^2$ configured as _____ m$^2$ x _____ m= _____m$^2$

**Type A Dispersal Bed:**

**Stone Area** = Q/75 (≤ 3000 L/day) = _____ m$^2$ configured as _____ m x_____ m = _____ m$^2$ =
Q/50 (> 3000 L/day) = _____ m$^2$ configured as _____ m x _____m = _____ m$^2$

**Dispersal Area (Sand)** = QT/850 (T ≤ 15) = _____ m$^2$ configured as _____m x _____ m
= _____ m$^2$ = QT/400 (T>15) = _____ m$^2$ configured as _____m x_____ m = _____ m$^2$

**Distribution Pipes**: Configured as _____runs of _____m = _____m

**Type B Dispersal Bed:**

**Dispersal Area** = DSF X T/400 = _____ m$^2$ Or = DSF/ loading rate (using table 2-8 of BCMOH) = _____ m$^2$

**Linear Loading Rate** = DSF/ 40 (where T ≥ 24) = _____ m = DSF/ 50 (where T < 24) = _____ m

Or From Table 2-11 of BCMOH Where Required = _____ m

**Dispersal Bed Configuration** = _____ m x _____ m = _____ m$^2$ #
of Beds _____

**Distribution Pipes**: Configured as _____runs of _____m = _____m

## Level IV Treatment Unit/Tertiary Treatment Unit:
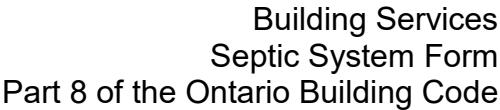
| Manufacturer: | Model: |
|---|---|
| BMEC/BNQ Authorization: | # Units: |

## Method of Headerline and Distribution Pipe Detection:

Please Circle the Appropriate Option:

| Magnetic Means | Tracer Wire (14 gauge TW solid copper light coloured plastic coated) | Other means of subsurface detection, please specify _____ _____ |
|---|---|---|

## Lot Diagram and Sewage System Plan:

Instructions: Draw to Scale Indicating North and showing:

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

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