

SEPTIC SYSTEM STATEMENT OF DESIGN

PROJECT INFORMATION

Permit Application No. _____

Project Address: _____

Type of Work ☐ Construct New ☐ Alter Existing
☐ Remove/Demolish Existing
☐ Repair Existing

Occupancy Served: ☐ Residential ☐ Non-Residential

If non-residential, specify uses _____

DESIGNER INFORMATION

Name: _____

Company and Address: _____

Telephone: (____) _____ Fax: _____

Individual BCIN: _____ Firm BCIN: _____

SITE EVALUATION

Native Soil Percolation Rate: _____
min/cm

☐ Assumed (worst case) ☐ Actual

Soil Grains Analysis Report? ☐ Yes (attached) ☐ No

Percolation Test Date: _____

Wells: ☐ Dug or Bored
☐ Drilled (watertight casing to 6m min)
☐ No Wells Within 30m
☐ Municipal Water Service

Site Evaluation Performed By:

Name: _____

Address: _____

Telephone: (____) _____

DESIGN DATA

Design Flow Rate (L): _____ Occupant Load: _____

Total Finished Floor Area (Above Grade); _____

Total # of Bedrooms: _____

<u>Description</u>	<u>#Total</u>	<u>X</u>	<u>#FU</u>	<u>= Total FU</u>
Kitchen Sinks	_____	X	1½	= _____
Bathroom Group	_____	X	6	= _____
Flush Tank Toilets	_____	X	4	= _____
Showers & Bathtubs	_____	X	1½	= _____
Wash Basins	_____	X	1	= _____
Clothes Washers	_____	X	1½	= _____
Laundry Tub	_____	X	1½	= _____
Other	_____	X	_____	= _____
Other	_____	X	_____	= _____
TOTAL				

SYSTEM DETAILS

☐ Class 2 ☐ Class 3

☐ Class 4 Filter Bed
Base Contact Area _____
Area of Filter Medium _____ # Runs of Tile _____
☐ Header OR ☐ Distribution Box
Tank ☐ Use Existing ☐ New – Size (L) _____
☐ Concrete ☐ Polyethylene

☐ Class 4 Raised Filter Bed
Base Contact Area _____
Area of Filter Medium _____ # Runs of Tile _____
☐ Header OR ☐ Distribution Box
Tank ☐ Use Existing ☐ New – Size (L) _____
☐ Concrete ☐ Polyethylene

☐ Class 4 Trench Bed
☐ Dug into Existing Soil OR ☐ Imported Soil
If imported soil, provide (T) time _____
If imported soil, provide contact area _____
Total Length of Tile _____ # Runs of Tile _____
☐ Header OR ☐ Distribution Box
Tank ☐ Use Existing ☐ New – Size (L) _____
☐ Concrete ☐ Polyethylene

☐ Class 4 (Other–Including BMEC Authorized System)
☐ BMEC Authorization Attached
Manufacturer & Model _____
Daily Capacity (L) _____
Other Details _____

☐ Class 5 (Holding Tank – Pump Out Contact Must Be Provided)
Size (L) _____
☐ Concrete ☐ Polyethylene ☐ Other _____

Is a Sewage Pump Required? ☐ Yes ☐ No
If Yes, Capacity (L) _____ Horsepower _____
Head _____ Run _____

SOIL CONDITION

Depth (metres)	Soil Type
0	_____
0.5	_____
1.0	_____
1.5	_____

Show elevation of high groundwater table, rock or soil with a percolation time more than 50 minutes.
