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 Building Inspection Division
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ON-SITE SYSTEM MATERIAL LIST
 (DIRECTIONS & DEFINITIONS ON BACK)

ADDRESS _____ TAX LOT # _____
 SECTION TOWNSHIP RANGE LOT

1. SEPTIC TANKS

SEPTIC TANK: MFG. _____ CAPACITY _____ MATERIAL _____

DOSING TANK: MFG. _____ CAPACITY _____ MATERIAL _____

SEPTIC/DOSING TANK: SINGLE COMPARTMENT TWO COMPARTMENT FLOW-THROUGH
 MFG. _____ CAPACITY _____ MATERIAL _____

MFG.'S SPECS. INCLUDED

2. PUMPING ASSEMBLIES

PUMP 1: MFG. _____ MODEL _____ (INCLUDE PERFORMANCE CURVE)

PUMP 2: MFG. _____ MODEL _____ (INCLUDE PERFORMANCE CURVE)

CONTROL PANEL: MFG. _____ MODEL _____

HYDROSPLITTER: MFG. _____ MODEL _____ (INCLUDE ORIFICE CALCULATIONS)

EFFLUENT FILTER: MFG. _____ MODEL _____

DISTRIBUTION VALVE: MFG. _____ MODEL _____

3. EFFLUENT TRANSPORT PIPING

GRAVITY EFFLUENT SEWER: LENGTH _____ DIAMETER _____ MATERIAL _____ FALL (IN INCHES) _____

PRESSURE PIPING: LENGTH _____ DIAMETER _____ MATERIAL _____ PSI _____

4. DISPOSAL FIELD (DRAINFIELD)

DISTRIBUTION TECHNIQUE: EQUAL LOOP SERIAL PRESSURIZED

TOTAL LINEAR FOOTAGE: _____

DRAIN MEDIA: GRAVEL-LESS ABSORPTION METHOD ROCK & PIPE OTHER _____

TOTAL DEPTH _____ DEPTH BELOW PIPE _____

TRENCH DEPTH (FROM ORIGINAL GROUND SURFACE): MIN _____ MAX _____

CAPPING FILL DEPTH (DEPTH OF CAP): _____

SETBACKS FROM WELLS: SEPTIC TANK _____ SAND FILTER OR ATT UNIT _____ DRAINFIELD _____

5. DEWATERING SYSTEMS (IF REQUIRED)

CURTAIN DRAIN TILE DEWATERING TRENCH DEPTH: _____

DRAIN MEDIA: ROCK & PIPE OTHER _____

TOTAL DEPTH _____ DEPTH BELOW PIPE _____ FILTER FABRIC

PERFORATED PIPING: DIAMETER _____ MATERIAL _____

6. ADVANCED TREATMENT UNITS

SAND FILTER RGF ATT: TYPE _____

ONSITE SYSTEM MATERIAL LIST INSTRUCTION SHEET

The Onsite System Material List is a necessary and important part of the pre-permit system plans. This document allows us to catch any potential problems before the system is installed and allows you to familiarize yourself with the materials and construction requirements for the system. This form must be completed, submitted, and approved before we can issue a permit. Once approved, this document becomes part of the permit and will be used to perform the inspection of your installed septic system.

MATERIAL LIST SECTION

1. **Tank information:** Enter septic tank, dosing tank, or septic/dosing tank information (you will not have a dosing tank if you are constructing a gravity-flow system).
 - a. Mfg: Is the name of the manufacturer who made the tank.
 - b. Capacity: Is the capacity of the tank in gallons.
 - c. Material: Is what material the septic tank is constructed from (concrete, steel, polyethylene, etc...).
2. **Pumping information:** This section is only for systems that use pumps, siphons, or effluent filters. Please enter the data as appropriate or skip this section if your system does not have any of these components. **Be sure to include manufacturer's specifications for all sections that apply.**
 - a. Pump: Enter the manufacturer (MFG) and model of the pump.
 - b. Hydrosplitter: If you are installing a hydrosplitter, enter the manufacturer and model. Hydrosplitter orifice selections must be obtained from the manufacturer.
 - c. Effluent filter: If you are installing an effluent filter, enter the manufacturer and model information.
 - d. Distribution valve: If you are installing a distribution valve, enter the manufacturer and model information.
3. **Effluent transport piping information:** The effluent sewer is the pipe that connects the outlet of the septic tank to the drainfield. The pressure piping is the pipe between the pump discharge and the drainfield.
 - a. Enter information about the gravity effluent sewer as follows:
 - Length: Is the length of the effluent sewer.
 - Diameter: The diameter of the effluent sewer.
 - Material: Is the actual material from which the pipe is made, and its specification number -- an example would be PVC 3034.
 - Fall: Is the difference in elevation, in inches, between the effluent sewer pipe at the outlet of the septic tank and the header pipe where it leaves the d-box.
 - b. Enter information about pressure transport piping as follows:
 - Length: Enter the length of the pressure piping from the tank to the drainfield, the hydrosplitter, or the start of the pressure network.
 - Diameter: Enter the diameter of the pressure piping that you are going to use.
 - Material: Enter the actual material from which the pipe is made and its specification number -- an example would be PVC 1120.
 - PSI: Enter the pressure rating (pounds per square inch or PSI) of the pressure piping that you are going to use.
4. **Disposal trenches:**
 - a. Distribution technique: Check the box next to the distribution technique you are going to use.
 - b. Total Linear Footage: Is the total length of the perforated pipe, chambers, or other approved disposal media. It does not include headers or other solid pipe.
 - c. Drain Media: Check the box to indicate which media you are going to use. Include the total depth of the drainfield rock (if it is being used), and the depth of the drainfield rock below the pipe.
 - d. Trench Depth: Is the minimum and maximum depth of the trench below the original ground surface.
 - e. Capping Fill Depth: If you are constructing a capping fill drainfield, enter the depth of the fill material above the original ground surface.
 - f. Setbacks from Wells: Enter the distance (in feet) from the well to the septic tank, to the sand filter or other treatment device, and to the drainfield.
5. **Dewatering Systems:** (If used)
 - a. Check the box next to the dewatering system that is required.
 - b. Trench Depth: Is the depth of the dewatering trench below the original ground surface.
 - c. Drain Media: Check the box to indicate which media you are going to use. Include the total depth of the drainfield rock (if it is being used), and, for a curtain drain, the depth of the drainfield rock below the pipe. If a curtain drain is required, filter fabric must be placed above the drain media.
 - d. Perforated Piping: Enter the diameter and material of the perforated piping that will be used.