



ON-SITE SYSTEM MATERIAL LIST

DIRECTIONS & DEFINITIONS ON BACK

Township	Range	Section	Tax Lot	Owner	Record #
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1. SEPTIC TANKS

<input type="checkbox"/> SEPTIC TANK:	MFG:	MODEL #:	CAPACITY:	MATERIAL:
<input type="checkbox"/> DOSING TANK:	MFG:	MODEL #:	CAPACITY:	MATERIAL:
<input type="checkbox"/> SEPTIC/DOSING TANK:	<input type="checkbox"/> SINGLE COMPARTMENT	<input type="checkbox"/> TWO COMPARTMENT	<input type="checkbox"/> FLOW-THROUGH	
	MFG:	MODEL #:	CAPACITY:	MATERIAL:

2. PUMPING ASSEMBLIES

PUMP 1: MFG:	MODEL:	<input type="checkbox"/> PERFORMANCE CURVE, CALCULATIONS & MFG SPECS REQUIRED
PUMP 2: MFG:	MODEL:	<input type="checkbox"/> PERFORMANCE CURVE, CALCULATIONS & MFG SPECS REQUIRED
CONTROL PANEL:	MFG:	MODEL: <input type="checkbox"/> MFG SPECS REQUIRED
HYDROSPITTER:	MFG:	MODEL: <input type="checkbox"/> MFG SPECS REQUIRED
EFFLUENT FILTER:	MFG:	MODEL: <input type="checkbox"/> MFG SPECS REQUIRED
DISTRIBUTION/DROP BOX:	MFG:	MODEL: <input type="checkbox"/> MFG SPECS REQUIRED

3. EFFLUENT TRANSPORT PIPING

<input type="checkbox"/> GRAVITY EFFLUENT SEWER:	LENGTH:	DIAMETER:	MATERIAL:	FALL (IN INCHES):
<input type="checkbox"/> PRESSURE PIPING:	LENGTH:	DIAMETER:	MATERIAL:	PSI:

4. DISPOSAL FIELD (DRAINFIELD)

DISTRIBUTION TECHNIQUE:	<input type="checkbox"/> EQUAL	<input type="checkbox"/> LOOP	<input type="checkbox"/> SERIAL	<input type="checkbox"/> PRESSURIZED
TOTAL LINEAR FOOTAGE:	Trench Depth: Min		Max	
DRAIN MEDIA:				
<input type="checkbox"/> ROCK & PIPE -	TOTAL DEPTH:	DEPTH BELOW PIPE:		
<input type="checkbox"/> CHAMBERS	MFG :	MODEL:		
<input type="checkbox"/> EZ-FLOW	<input type="checkbox"/> GRAVELESS ABSORPTION (FOLLOWS ATT OR SF ONLY)	<input type="checkbox"/> OTHER		
CAPPING FILL DEPTH (DEPTH OF CAP):				
SETBACKS FROM WELLS: SEPTIC TANK:	SF OR ATT UNIT:		DRAINFIELD:	

5. DEWATERING SYSTEM (IF REQUIRED)

<input type="checkbox"/> CURTAIN DRAIN	<input type="checkbox"/> TILE DeWATERING			
TRENCH DEPTH:	PERFORATED PIPING - DIAMETER:		MATERIAL:	
DRAIN MEDIA:	<input type="checkbox"/> CHAMBERS	<input type="checkbox"/> EZ-FLOW	<input type="checkbox"/> ROCK & PIPE	TOTAL DEPTH: DEPTH BELOW PIPE:

6. ADVANCED TREATMENT UNITS

<input type="checkbox"/> ATT: MFG:	MODEL:	<input type="checkbox"/> APPROVED CONFIGURATION INCLUDED		
<input type="checkbox"/> SAND FILTER	<input type="checkbox"/> RECIRCULATING GRAVEL FILTER			

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.

1. **Tank information:** Enter septic tank, dosing tank (only if pumping is required), or septic/dosing tank information
 - a. Mfg: Is the name of the manufacturer who made the tank.
 - b. Model #: This is the manufacturer's model number for the tank.
 - c. Capacity: Is the capacity of the tank in gallons.
 - d. 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 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. ***Pump curves, calculations and manufacturers specifications must be submitted with your plans.***
 - b. Control Panel: Enter the manufacturer and model number of your control panel.
 - c. Hydrosplitter: If you are installing a hydrosplitter, enter the manufacturer and model. Hydrosplitter orifice selections must be obtained from the manufacturer.
 - d. Effluent filter: If you are installing an effluent filter, enter the manufacturer and model information.
 - e. 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:
 - i. Length: Is the length of the effluent sewer.
 - ii. Diameter: The diameter of the effluent sewer.
 - iii. Material: Is the actual material from which the pipe is made, and its specification number
 - iv. 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:
 - i. Length: Enter the length of the pressure piping from the tank to the drainfield, the hydrosplitter, or the start of the pressure network.
 - ii. Diameter: Enter the diameter of the pressure piping that you are going to use.
 - iii. Material: Enter the actual material from which the pipe is made and its specification number
 - iv. PSI: Enter the pressure rating 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.
 - i. Trench Depth: Is the depth of the dewatering trench below the original ground surface.
 - ii. 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.
 - iii. Perforated Piping: Enter the diameter and material of the perforated piping that will be used.
6. **Advanced Treatment Units:** Indicate if you will be using an ATT, Sand Filter or Recirculating Gravel Filter
 - a. If using an ATT, indicate the manufacturer and model number. ***The approved manufacturer's configuration schematic must be submitted with your plans.***