



12. Type of seepage field to be installed(check one): Chamber\_\_\_\_\_ Gravelless\_\_\_\_\_ Gravel\_\_\_\_\_

Chamber or gravelless pipe manufacturer\_\_\_\_\_Model\_\_\_\_\_

Total lineal feet to be installed(must provide minimum square feet required)\_\_\_\_\_

13. The system will be installed at a depth range of:\_\_\_\_\_

14. Aerobic treatment unit to be installed: Manufacturer\_\_\_\_\_Model\_\_\_\_\_

**\*Property owner must sign service agreement policy form and must be included with this application**

15. Aerobic treatment unit or sand filter will be discharged to:\_\_\_\_\_

**\*discharge location must meet section 905.110 of the Sewage Code**

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In accordance with Section 905.190 b) (3) of the IDPH Private Sewage Licensing Act and Code, I certify that a limiting layer does not exist within the distances provided in Section 905.60 a) (7). The box(s) checked below describe the steps taken to identify limiting layers or the site specific information that demonstrates the lack of a limiting layer.

- An excavation to a depth of 6 feet was utilized to allow for direct observation of the soil conditions and no limiting layer was observed. (this method is used in conjunction with perc tests)
- A soil analysis report indicates a limiting layer at\_\_\_\_\_inches based on the soil characteristics observed by the soil professional on the day of the testing. However, the following conditions are present at the site which have nullified the presence of the limiting layer.

**Check all that apply**

- Field tiles and other artificial drains have been installed close enough to the proposed leach field to effectively lower the seasonal water table to a depth 2-3 feet below the bottom of the leach field.
- Topography or landforms are present that are effective in lowering the seasonal high water table to depths 2-3 feet lower then the bottom of the leach field.

Explain:\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Other\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

INSTRUCTIONS FOR CONDUCTING PERCOLATION TESTS

1. Number of Test Holes. At least 3 or more, separate percolation tests spaced at least 50 feet apart, are needed to ensure an adequate size evaluation.
2. Type of Test Hole. Dig or bore a hole approximately 4 to 6 inches in diameter to the depth of the proposed seepage field or seepage bed.
3. Preparation of Test Hole. Carefully scratch the bottom and sides of the hole with a knife blade or sharp pointed instrument to provide a natural soil interface into which water may percolate. Remove all loose material from the hole. Add 2 inches of coarse gravel to protect the bottom from scouring and sediment.
4. Pre-soaking the Hole. Carefully fill the hole with clear water to the ground surface. Keep the hole full for at least 4 hours before conducting the test.
5. Timing the Test. After pre-soaking is completed, wait a minimum of 18 hours but no longer than 30 hours, and refill the hole with water to a point 12 inches above the gravel. Wait until the water level drops 6 inches, then time in minutes how long it takes for remaining 6 inches of water to seep away.

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I certify that on (date) \_\_\_\_\_, I obtained the following percolation test results at the property location described in item 4, page 1, by following the test procedures as outlined on this page.

Test Hole Number	1	2	3	4	5
Minutes Required for Last 6 Inches to Seep Away					
Depth of Hole					

\_\_\_\_\_  
Signature of Installer

\_\_\_\_\_  
Signature of Percolation Tester(if other than installer)

# Proposed Plot Layout

NORTH

**\*\* All electrical components associated with the system must be wired in accordance with the National Electrical Code or local Electrical Code, whichever is more stringent.**

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APPLICANT, make a drawing of the proposed ploy layout plan. Use the following ten statements as a guideline for including the minimum information required in the drawing. Also, show that you have included the required information by placing an "X" in the appropriate blank for each statement.

	YES	N/A
1. The proposed location of all buildings and sewage disposal system	_____	
2. The property lines and dimensions of lot	_____	
3. All water lines on property and within 25 feet of property	_____	
4. All wells on property and within 75 feet of property	_____	_____
5. Will there be a new well?	_____	_____
6. All utility and drainage easements on property	_____	_____
7. The location of any existing septic tanks and/or seepage fields	_____	_____
8. The location of all field tile and/or subdivision collection tiles	_____	_____
9. The location of percolation test holes or soil borings	_____	_____
10. Is a geothermal heating/cooling system planned or existing for this property?	_____	_____

We hereby certify that we have reviewed this permit application for a \_\_\_\_\_ bedroom home (with/without) a garbage disposal and agree that the information submitted herein is correct to the best of our knowledge. I acknowledge and agree that the area where the septic system is to be installed must be protected from heavy equipment such as concrete delivery trucks, bulldozers, etc., and from utility installations both before and after the system is installed. This area is also exempt from any future additions of garages, sheds, swimming pools and room additions.

**The DeWitt-Piatt Bi-County Health Department does not guarantee trouble free operation of this sewage treatment and disposal system by the issuance of a permit or final inspection of the sewage installation. The contractor is responsible for installation in compliance with the Illinois Private Sewage Disposal Licensing Act and Code.**

\_\_\_\_\_  
Owner's Name (Print)

\_\_\_\_\_  
Installer's Name (Print)

\_\_\_\_\_  
Signature of Owner

\_\_\_\_\_  
Signature of Installer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

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FOR OFFICE USE ONLY

Approved by \_\_\_\_\_ Date \_\_\_\_\_