





**Aerobic Treatment Plants and NSF International/ANSI Standard 40 Wastewater Treatment Systems**

Dealer \_\_\_\_\_ Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Gallons Per Day \_\_\_\_\_ gallons

Location of alarm in weather-proof box outside of the building served or on aerobic treatment plant \_\_\_\_\_

Effluent Reduction Trenches \_\_\_\_\_ lineal ft.

Chlorine Contact Tank Capacity (minimum 52 gallons) \_\_\_\_\_ gallons Sample port (minimum 4" diameter) \_\_\_\_\_

System to Discharge to Evaporation Rock Bed \_\_\_\_\_ (Width x Length)

Distance to Nearest Well/Cistern \_\_\_\_\_ ft. Distance to Nearest Water Line \_\_\_\_\_ ft. Distance to Well Suction Line \_\_\_\_\_ ft.

Initial service policy: A 2-year policy shall be furnished to the purchaser by the private sewage disposal installation contractor through the manufacturer or the distributor of the aerobic treatment unit. This policy shall provide:

- A) Four inspection/service calls, at least one every 6 months, that include inspection, adjustment and servicing of the mechanical and the applicable component parts to ensure proper function;
- B) An effluent quality inspection consisting of a visual check for color, turbidity, scum overflow, and an examination for odors;
- C) Reporting to the owner immediately any improper operation that cannot be corrected at the time of the inspection or service call. This shall be followed by a written report to the owner that includes the date by which the condition will be corrected.

\_\_\_\_ **Other Approved System** (i.e. Serial Distribution) or Other Additional Information \_\_\_\_\_

Septic Tank and Aerobic Treatment Plant shall be no nearer than 50' to the nearest well/well suction line/cistern, 25' to swimming pool or other body of water, 25' to a public water supply line, 5' to a property dwelling, 5' to a property line

Absorption field shall be no nearer than 75' to the nearest well/well suction line/cistern, 25' to swimming pool or other body of water, 25' to a water supply line, 10' to a property dwelling, 10' to an artificial drain, 5' to a property line.

Distance between gravel trenches a minimum of 6 feet, depending upon width of trench. Depth of trenches a maximum of 36 inches. Length of trenches a maximum of 100 feet (From point of discharge into seepage system.) Trench bottom width a minimum of 8 inches. Trench bottom width a maximum of 36 inches.

Distribution pipe size a minimum of 4 inches. Bedding material depth a minimum of 6 inches beneath the pipe and a minimum of 2 inches over the pipe.

Buried sand filter shall be no nearer than 75' to the nearest well/well suction line/cistern, 15' to swimming pool or other body of water, 25' to a water supply line, 10' to a property dwelling, 10' to an artificial drain, 5' to a property line.

Aerobic treatment plants (ATP) and buried sand filters (BSF) shall have an evaporation bed installed after the system when ponding of effluent is likely to occur. The evaporation bed shall have a minimum size of 50 ft<sup>2</sup>/bedroom. An evaporation bed is not required in sandy soil. Treated Effluent Discharge Point must be a minimum of 25' from any property line.

Effluent reduction trenches for buried sand filters and aerobic treatment plants shall be installed prior to the chlorine feeder pipe and chlorine contact tank. For ATP's without an additional chlorine contact tank, the effluent reduction trenches will be installed prior to the end of the discharge pipe. The maximum amount of effluent reduction trench shall be 25 lineal feet per bedroom or the amount of space available at each proposed site and be set by the Health Officer or his/her designee. All surface discharges must be disinfected prior to discharge.

Is sufficient gravity drainage provided to allow surface effluent to discharge away from the filter bed or ATP?  
Yes      No      If no, a pumping chamber shall be installed.

Prohibited Influent – No sub-soil drainage, discharge from roof drains, or swimming pool wastewater shall be directed to the private sewage disposal system.

A copy of the Illinois Private Sewage Disposal Licensing Act and Code is on file at the Woodford County Health Department and may be examined on our website, [www.woodfordhealth.org](http://www.woodfordhealth.org), and prior to any installation. Please refer to Section 905.Appendix A, Illustration D of the code for additional minimal allowable distances.

**SOIL ANALYSIS/SOIL INVESTIGATION**

**Soil analysis/Soil investigations shall be conducted according to the provisions of the Illinois Private Sewage Disposal Licensing Act and Code, 2013, or latest edition thereof. At least 4 separate soil borings, a minimum of 50 feet apart, shall be performed at the site of each proposed septic system. Attach copy of signed soil analysis/soil investigation report.**

Name of Person Who Conducted Soil Analysis/Soil Investigation: \_\_\_\_\_

Date Soil Analysis/Soil Investigation Conducted: \_\_\_\_\_



