

Maintenance and Operation Inspections

LPP private sewage disposal system shall be inspected annually to ensure the system is operating as designed. The system will need to be inspected at a more frequent interval if it utilizes an NSF Standard 40 unit or if it is mandated by the manufacture of a specific component within the private sewage disposal system.

Annual routine maintenance shall at a minimum consist of the following:

- Evaluate the pump to ensure it is providing the proper dose volume. If it is not reset pressure head via the ball valves.
- Evaluate the pressure and squirt height for each individual line to ensure operation at the required design rate.
- If there is a line clogged it may require shutting off the ball valves to all other distribution lines to flush forward the individual line. Upon completion reset the ball valves for each line to achieve the 3 foot squirt height required.
- Evaluate the septic tank to assure proper function and sound condition. Determine if it needs to be serviced or pumped to remove excess solids.
- The septic tank filter located in the outlet baffle shall be inspected and cleaned as is necessary to assure performance of the filter.
- If the LPP private sewage disposal system utilizes a NSF Standard 40 unit, then this unit will have to be serviced as mandated by the manufacture or as established by the Department.
- The screens on the dosing pump need to be checked and cleaned.
- Assure that the timer or float dosing switch is properly dosing the appropriate amount of effluent and adjust the time of does or the length of the float to meet the designed requirements for the system.
- The ground surface above and around the subsurface seepage field needs to be evaluated for signs of failure or improper performance.
- Evaluate the dosing chamber tank to ensure it is in sound condition and free of solids or fats, oils and grease.

Alternative Design

Alternative specifications may be proposed for the design, configuration or materials established within this document for the installation of a LPP private sewage disposal system, but the following requirements must be met for the system to be approved:

1. The system must be designed and certified by a Professional Engineer licensed by the State of Illinois,

2. The absorption capacity and design loading rate cannot be reduced to decrease the size of system.
3. The application shall be accompanied by a written explanation justifying why an alternative design is being proposed.

Attachment