

In-ground Soil Absorption System Management Plan

Pursuant to COMM 83.54, Wis. Adm. Code

Septic Tank:

The Septic Tank shall be maintained by an individual certified to service septic tanks under s. 281.48, Stats. The contents of the septic tank shall be disposed of in accordance with NR 113, Wis. Adm. Code. The operating condition of the septic tank and outlet filter shall be assessed at least once every 3 years by inspection. The outlet filter shall be cleaned as necessary to ensure proper operation. The filter cartridge should not be removed unless provisions are made to retain solids in the tank that may slough off the filter when removed from its enclosure. If the filter is equipped with an alarm, the filter shall be serviced if the alarm is activated continuously. Intermittent filter alarms may indicate surge flows or an impending continuous alarm. The septic tank shall have its contents removed when the volume of the sludge and scum in the tank exceeds 1/3 the liquid volume of the tank. If the contents of the tank are not removed at the time of a triennial assessment, maintenance personnel shall advise the owner of when the next service needs to be performed to maintain less than maximum scum and sludge accumulation in the tank. The addition of biological or chemical additives to enhance septic tank performance is not recommended. However, if such products are used they must be approved for septic tank used by the Dept. of Commerce, Safety and Buildings Division prior to use.

Pump Tank: (if required)

The pump (dosing) tank shall be inspected at least once every three years. All switches, alarms, and pumps shall be tested to verify proper operation. If an effluent filter is installed within the tank it shall be inspected and serviced as necessary.

Distribution Cell(s):

No trees or shrubs should be planted on the distribution cell(s). Plantings may be made around the cell's perimeter, and the cells shall be seeded and mulched as necessary to prevent erosion and to provide some protection from frost penetration. Traffic (other than for vegetative maintenance) on the cells is not recommended since soil compaction may hinder aeration of the infiltrative surface within the cells and snow compaction in the winter will promote frost penetration.

Influent quality into the system may not exceed 220/mg/L BOD₅, 150 mg/L TSS, and 30/mg/L FOG. Influent flow may not exceed maximum design flow specified in the permit for this installation.

Observation pipes within the dispersal cell shall be checked for effluent ponding. Ponding levels shall be reported to the owner, and any levels above 4 inches considered as an impending hydraulic failure requiring additional, more frequent monitoring.

General:

This system shall be operated in accordance with COMM 82-84 and shall be maintained in accordance with its' component manual [SBD-0705-P (N.01/01)] and local or state rules pertaining to system maintenance and maintenance reporting.

No one should ever enter a septic or pump tank since dangerous gases may be present that could cause death. Septic and pump tank abandonment shall be in accordance with COMM 83.33, Wis. Adm. Code when the tanks are no longer used as POWTS components .

Septic or pump tank manhole risers, access risers and covers should be inspected for water tightness and soundness. Access openings used for service and assessment shall be sealed watertight upon the completion of service. Any opening deemed unsound, defective, or object to failure must be replaced. Exposed access openings greater than 8 inches in diameter shall be secured by an effective locking service to prevent accidental or unauthorized entry into the tank.

Contingency Plan:

If the septic tank or any of its components become defective the tank or component shall be repaired to keep the system in proper operating condition.

If the dosing tank, pump controls, alarm or related wiring becomes defective the defective component shall be repaired or replaced immediately with the component of the same or equal performance.

If the distribution cell component fails to accept wastewater or begins to discharge wastewater to the ground surface, it will be repaired or placed as deemed necessary to bring the system into proper operating condition.

Questions on the operation or maintenance of this system should be directed to your county zoning or health inspector.