In-ground Dosed-Gravity Management Plan

IMPORTANT:

The owner of this in-ground dosed-gravity system shall be responsible for its perpetual operation and maintenance pursuant to requirements of SPS 382-384, Wisc. Admin. Code. Pursuant to SPS 383.52 (2), Wisc. Admin. Code, this system shall be considered a human health hazard if not maintained in accordance with this approved management plan. Furthermore, all inspection and maintenance activities shall be performed by a **registered POWTS Maintainer** in accordance with SPS 383.52 (3), Wisc. Admin. Code.

Maximum Dispersal Area Operating Limits:

Design Flow = _____ gpd; $BOD_5 \leq 220\ mgL^{-1}$; $TSS \leq 150\ mgL^{-1}$; $FOG \leq 30\ mgL^{-1}$

Inspection Checklist **INSPECT EVERY 3 YEARS**

- type of use
- age of system
- nuisance factors (*i.e.* odors, user complaints, *etc*.)
- mechanical malfunction (*i.e*., pumps, valves, switches, floats, *etc*.)
- material fatigue (*i.e*., leaks, breaks, corrosion, *etc*.)
- solids volume in anaerobic treatment tank(s) and any distribution appurtenance(s) (i.e., distribution / drop boxes)
- neglect or improper use (*i.e*., exceeding design capacities, prohibited activities, *etc*.)
- extent of ponding in distribution cell prior to dosing
- dosing irregularities - if applicable (*i.e*., pump re-cycling, float switch settings, *etc*.)
- electrical components - if applicable (*i.e*., wiring, connections, switches, controls, timers, alarms, *etc*.)
- distribution lateral or lateral orifice plugging (measure lateral distal pressure – compare to design specification)
- surface discharge of effluent or sewage back-up into structure served

Maintenance Checklist **MAINTAIN EVERY 3 YEARS (or when necessary)**

- **Septic and dose tank(s)** shall be pumped by a certified septage servicing operator licensed under s. 281.48 Wis. Stats. **when the volume of solids in the tank(s) exceeds one-third (1/3) the liquid volume of the tank(s)** or as required by local ordinance. Disposal of contents shall be pursuant to NR 113, Wisc. Admin. Code.
- **Effluent filter(s)** shall be inspected **every 3 years** and shall be cleaned **when necessary** to remove any accumulated solids according to manufacturer's specifications. A servicing period will always be greater than 12 months.

System maintenance reports shall be submitted to the proper local government unit in accordance with SPS 383.55 Wisc. Admin. Code. Report any component failure or malfunction to:

Name of individual or company: _____ Phone: _____

Local government unit: _____ Phone: _____

Local government unit address: _____ ZIP: _____

Any defective part of this system shall be repaired, replaced, or removed pursuant to SPS 383.51 (1), Wisc. Admin. Code. Repair or replacement of failed or malfunctioning components shall comply with SPS 383, Wisc. Admin. Code. No product for chemical or physical restoration of the POWTS may be used unless approved by the department in accordance with SPS 384, Wisc. Admin. Code.

Contingency Plan

In the event that any failed treatment component of this POWTS cannot be repaired, it shall be replaced pursuant to a plan submitted to the appropriate agency for review and approval. A failed in-ground dispersal component may be abandoned and replaced by a code-complying dispersal component in a pre-determined area of suitable soils.

System Abandonment

If use of this POWTS is discontinued, it shall be abandoned in accordance with SPS 383.33, Wisc. Admin. Code.

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