



WPDES PERMIT

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

GENERAL PERMIT TO DISCHARGE UNDER THE WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of Chapter 283, Wisconsin Statutes, any facility engaged in the

STORAGE OF DOMESTIC SEPTAGE

located in the State of Wisconsin and meeting the applicability criteria listed in this General Permit, is permitted to operate and land apply domestic septage to approved land application sites in the state of Wisconsin in accordance with the land application and reporting requirements and other conditions set forth in this general permit.

State of Wisconsin Department of Natural Resources
For the Secretary

By

A handwritten signature in black ink, appearing to read 'Adrian Stocks', is written over a horizontal line.

Adrian Stocks
Director, Bureau of Water Quality

8/1/2023
Date Permit Signed/Issued

PERMIT TERM: EFFECTIVE DATE – August 1, 2023

EXPIRATION DATE – July 31, 2028

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1 Applicability Criteria

1.1 Facilities Covered

This general permit is applicable to septage storage facilities that meet all of the following conditions:

- The septage storage facility only contains domestic septage and the owner or operator stores, removes and then land applies the domestic septage on department approved sites; or the owner or operator stores, removes and then hauls the domestic septage to other WPDES permitted facilities approved for domestic septage storage and/or treatment.
- The **proposed new** septage storage facility has been designed in accordance with chs. NR 108 and NR 110, Wis. Adm. Code, or exempted from design requirements of ch. NR 110, Wis. Adm. Code, by meeting the exemption requirements of NR 113.12(3)(d), Wis. Adm. Code, and approved by the department. **For existing** septage storage facilities constructed prior to **October 1, 2021**, the septage storage facility meets provisions of ch. NR 110, Wis. Adm. Code, and has been accepted in writing by the department, or installed under chs. SPS 383 and SPS 384, Wis. Adm. Code. **The department may issue an exemption from ch. NR 110, Wis. Adm. Code, when the facility meets all requirements specified under NR 113.12(3)(d), Wis. Adm. Code.**
- This general permit is applicable to septage storage facilities. Exemptions from the requirements of this general permit are allowed if a facility is being issued a specific WPDES permit or under the following circumstances as listed under par. NR 113.12 (5)(b), Wis. Adm. Code which states:
 - (b) WPDES permit exemptions.
 1. On a case-by-case basis, the department may require an exempted septage storage facility to obtain a WPDES permit for violations of this chapter or to protect public health, groundwater, and surface waters.
 2. A WPDES permit is not required for septage-only storage facilities when all of the following occur:
 - a. The storage unit is owned and operated by a licensed septage business.
 - b. When singly or when added together, the septage storage capacity is less than or equal to 550,000 gallons.
 - c. The septage storage facility submits plans and specifications to the department in conformance with sub. (3) and receives department conditional approval or conditional acceptance.
 - d. The septage storage facility complies with all other applicable requirements of sub. (3).
 3. A WPDES permit is not required for septage-manure storage facilities when all of the following occur:
 - a. Septage makes up less than 10 percent of the septage – manure mixture in the storage facility and there are 50,000 gallons or less of septage in the septage-manure storage facility.
 - b. The septage is treated with lime or alkali prior to mixing with manure to meet pathogen control and vector attraction reduction requirements under s. NR 113.07(3)(d) and (e), Wis. Adm. Code.
 - c. The department provides in writing that a WPDES permit is not required to the applicant, and
- “The domestic septage placed in the septage storage facility was delivered **from a licensed septage business** utilizing certified vehicle operators and/or while under the supervision of the

operator-in-charge, the use of operators-in-training and/or portable restroom servicing assistants pursuant to s. NR 113.05, Wis. Adm. Code.”

Note: An owner or operator of a septage storage facility that has been granted coverage under this general permit to remove, transport, dispose of septage at a facility approved for domestic septage storage and/or treatment, and land apply domestic septage does not also have to obtain a business license under s. NR 113.05, Wis. Adm. Code, or be a certified operator under ch. NR 114 subchapter II, Wis. Adm. Code, because obtaining permit coverage fulfills the license and certification requirements. However, all businesses (including individuals, partnerships, corporations and bodies politic) and all persons servicing septage from POWTS and other septage generated systems and all persons discharging domestic septage into the septage storage facility or land applying the domestic septage to fields directly without placing it in the septage storage facility covered under this general permit must have an active septage business license and meet all requirements specified under chs. NR 113 and NR 114, Wis. Adm. Code. Operators-in-training and portable restroom servicing assistants may perform certain duties under the supervision of the master operator designated by the owner as the operator-in-charge.

The department may on a case-by-case basis determine that the owner or operator of a septage storage facility shall obtain a WPDES individual or general permit coverage when the department determines it to be necessary to protect public health or the environment (per s. NR 113.12(1)(d), Wis. Adm. Code).

1.2 Activities Not Covered

This general permit is not applicable to storage facilities and land application activities that meet any of the following conditions:

- Domestic septage that was never placed in the septage storage facility covered by this general permit and land applied directly to fields or hauled directly to other permitted facility approved for domestic septage storage and/or treatment. These activities are regulated under a septage business license and shall be reported accordingly.

Note: The department may assign an approved land application site to both a septage business license and this general permit of the same entity if the management plan adequately details procedures for tracking the total hydraulic application rate of domestic septage to that site from both the business license and this general permit.

- Storage facilities that contain non-domestic septage from commercial, industrial, or agricultural facilities.
- Storage facilities that contain industrial liquid waste, industrial sludge (including process grease from a grease interceptor), or industrial by-product solids, manure, municipal wastewater, or sewage sludge.
- Land application of domestic septage that will cause adverse effects including causing an incidental take of endangered or threatened resources unless the department has determined that the discharges comply with the endangered and threatened resource protection requirements of s. 29.604, Wis. Stats., and ch. NR 27, Wis. Adm. Code; and
- Septage storage facilities on tribal owned lands and any land application activities on sites on tribal owned lands.

Note: The Tribe or United States Environmental Protection Agency (EPA) regulate the storage and land application of septage on tribal owned lands (land owned by or held in trust for the tribes and issues associated permits and/or approvals.

2 Obtaining General Permit Coverage

An applicant shall comply with the following requirements to obtain coverage and authorization to discharge to the waters of the state under this general permit.

2.1 Submittal of a Notice of Intent

The applicant must submit a complete notice of intent (NOI) for coverage under this general permit to the department at least thirty (30) business days before the expected start date of operation of the septage storage facility. The NOI can be found at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html> and Appendix B to this general permit. NOIs must be submitted electronically, once made available electronically by the department. If not, NOIs may be mailed to the attention of “Wastewater General Permits” at the headquarters office of the region in which the project is located unless otherwise indicated on the department’s webpage. A list of the department septage coordinators for each region with contact information can be found at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>. Please scroll to the “How to Apply” section and click the department region that you are located.

Note: At the time this general permit was issued, the department was in the process of developing and requiring electronic submissions of NOIs to discharge under this general permit. Once the NOIs are online, paper copies will be no longer accepted. The department will post this update on our general permit webpage.

2.2 Incomplete NOI

The department may require an applicant to submit additional information if the department determines a NOI is incomplete. The applicant shall submit the requested information.

2.3 Granting of Coverage

All applicants meeting the applicability requirements of this general permit must receive a letter from the department granting coverage under this general permit prior to operation of a septage storage facility. If the applicant has not received a coverage letter from the department granting coverage under this general permit, an applicant may not operate the septage storage facility until coverage under this general permit is granted by the department.

Note: If the department notifies an applicant that a storage facility is ineligible for coverage under this general permit but still requires WPDES permit coverage, the applicant shall apply for and obtain coverage under an individual WPDES permit (or alternative general permit, if available) prior to use of the storage facility. The necessary steps to apply for coverage under an individual permit can be found at the department website: <http://dnr.wi.gov/topic/wastewater/PermitApplications.html>.

3 Land Application Site Requirements

The permittee shall comply with the following land application site requirements.

3.1 Land Application Site Evaluation

A permittee shall only land apply domestic septage on department approved sites that meet the requirements of chs. NR 113.07(3) and NR 113.11(1), Wis. Adm. Code.

Morphological soil evaluations shall be conducted by a soil scientist under s. NR 113.03(6m), Wis. Adm. Code, for high use fields, low use fields when detailed soil conservation or survey maps are not available, and when there are conflicting results of soil conservation or soil maps. The permittee shall comply with all land application site evaluation requirements in s. NR 113.08, Wis. Adm. Code.

3.2 Land Application Site Information

The permittee shall submit a land application site request package including the following information:

1. Land Application Site Request (form 3400-053).
2. Plat map or aerial photograph or U.S. geologic survey topographic map with the field outlined and a scale attached for reference.
3. Detailed soil survey map with the field outlined, if available, or soil investigation data as required in s. NR 113.08, Wis. Adm. Code. Soil investigation data as required in s. NR 113.08, Wis. Adm. Code, shall be collected, validated and signed by a soil scientist (as defined per s. NR 113.03(68m), Wis. Adm. Code).
4. Verification of legal description and proof of ownership of property (tax parcel record, land record, etc.).
5. The site request package may also include location maps showing nearby residences and wells (private and community wells), information on separation to groundwater and bedrock, soil permeability, water holding capacity, slope, soil erodibility, and other information that demonstrates that land application of domestic septage on the site will comply with applicable requirements of ch. NR 113, Wis. Adm. Code, and the conditions of this general permit.

3.3 Land Application Site Location Criteria

The permittee shall comply with all land application site location criteria in s. NR 113.07, Wis. Adm. Code.

3.4 Land Application Site Approval

The permittee is authorized to land apply domestic septage only on sites approved in writing by the department in accordance with ch. NR 113, Wis. Adm. Code. The department may specify any site use restrictions in accordance with ch. NR 113, Wis. Adm. Code, and ch. 283, Wis. Stats. The department may grant case-by-case variances to ch. NR 113, Wis. Adm. Code, in the written approval letter and the permittee shall comply with all specified restrictions or variances. The permittee shall not apply domestic septage on a site until approval is received from the department for the site.

The department may require the permittee re-submit land application site information for existing application sites to confirm that the application areas meet the criteria specified in s. NR 113.07(3), Wis. Adm. Code. The permittee shall submit the requested site information upon notification by the department.

A site approval may be rescinded if information is provided or available to the department showing the information used by the department to approve a site is not consistent with the new information and the site is deemed by the department to be inadequate to protect public health and waters of the state per s. NR 113.07(3)(c)3.b., Wis. Adm. Code. All sites that are approved by the department and meet all the separation requirements at the time of approval may not have the site approval rescinded for separation distance encroachment by residences, businesses or recreational areas for a period of five (5) years. This five (5)-year period shall run from the occupancy date of the encroachment per s. NR 113.07(c)3.d., Wis. Adm. Code.

4 Septage Storage Facility Influent Requirements

The permittee shall comply with the following septage storage facility influent requirements.

4.1 Sampling Point(s)

Use of the septage storage facility is limited to the wastes listed below and shall be operated in compliance with the requirements of this general permit.

Sampling Point Designation	
Sampling Point Number	Sampling Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)
990	Influent tracking of domestic septic tank waste stored in the septage storage facility.
995	Influent tracking of domestic holding tank waste stored in the septage storage facility.
997	Influent tracking of domestic grease interceptor waste stored in the septage storage facility.
998	Influent tracking of portable restroom waste stored in the septage storage facility.

4.2 Sampling Points 990 – Septic Tank Waste, 995 – Holding Tank Waste, 997 – Grease Interceptor Waste, and 998 – Portable Restroom Waste

The permittee shall keep and maintain records of the influent to the septage storage facility on a daily log for Sampling Points 990, 995, 997, and 998 as specified in sections 4.2.1 and 4.2.2 below.

4.2.1 Daily Influent Log Book or Invoice Record System

The permittee shall maintain a daily influent log of each load of waste hauled to the septage storage facility. These records shall be kept on a daily basis and shall be available for inspection upon request by the department. These records shall be retained for a period of five years. Any domestic septage placed into the septage storage facility shall be listed in a daily influent log and as defined in s. NR 113.03 (21, 26, 41, 56), Wis. Adm. Code. The permittee may accept domestic septage from multiple licensed septage businesses provided the domestic septage is placed in the septage storage facility. All stored wastes are the responsibility of the WPDES permittee.

Daily Influent Log		
Parameters	Units	Sample Frequency
990 – Domestic Septic Tank	Gallons/Load	Daily
995 – Domestic Holding Tank	Gallons/Load	Daily
997 – Domestic Grease Interceptor Waste	Gallons/Load	Daily
998 – Portable Restroom Waste	Gallons/Load	Daily
Influent to the septage storage facility shall also be totaled daily and annually for each waste type by the permittee.		

4.2.2 Operational Records for Each Load of Influent Waste

Any domestic septage hauled to the septage storage facility shall be hauled by a licensed septage business pursuant to chs. NR 113 and NR 114, Wis. Adm. Code. The permittee shall record the following information in the daily influent log for each load of domestic septage hauled to the septage storage facility:

1. Name and address or location of system serviced. If an address does not exist, alternative identifying information to record the location shall be provided.
2. Date and time of servicing for each service location.
3. Type of system and description of all wastes pumped.
4. Gallons collected (Note: The records for vehicles used solely for servicing portable restrooms shall record the total gallons collected at each service location).
5. Name and address or location of septage storage facility.
6. Date and time of waste pumped to septage storage facility.
7. For a business that land applies, a written certification statement that the above information in 1. through 6. is true, accurate, and complete provided by the operator-in-charge of the licensed septage business that placed the domestic septage in the septage storage facility (per s. NR 113.11(3)(c)7.a., Wis. Adm. Code).
8. For a business that does not land apply, a written certification is not required (per s. NR 113.11(3)(c)7.b., Wis. Adm. Code).
9. For a business that land applies in addition to discharging septage to the septage storage facility, a written certification statement is required consistent with s. NR 113.11(3)(c)7.a., Wis. Adm. Code.

5 Septage Storage Facility Land Application Requirements

The permittee shall comply with the following septage storage facility land application requirements.

5.1 Sampling Point(s)

The permittee may only land apply or haul the contents of the septage storage facility in compliance with the requirements of this general permit to department approved land application sites or a properly permitted facility.

Sampling Point Designation	
Sampling Point Number	Sampling Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)
901	The removal of domestic septage from a septage storage facility for the purpose of land application to department approved land application sites and/or disposal of septage at a facility approved for domestic septage storage and/or treatment.
902	Direct land application of septic tank waste containing less than 25% grease interceptor waste to department approved land application sites. DEPARTMENT APPROVAL TO ACTIVATE OUTFALL 902 MUST BE RECEIVED PRIOR TO LAND APPLICATION. Details for tracking wastes shall be submitted to department as part of the management plan prior to activating outfall.
903	Direct land application of holding tank waste containing less than 25% grease interceptor waste to department approved land application sites. DEPARTMENT APPROVAL TO ACTIVATE OUTFALL 903 MUST BE RECEIVED PRIOR TO LAND APPLICATION. Details for tracking wastes shall be submitted to department as part of the management plan prior to activating outfall.

5.2 Sampling Point (Outfall) 901 – Septage Storage Removal; 902 – Direct Land Application Septic Tank Waste; 903 – Direct Land Application Holding Tank Waste

Permittees shall follow the land application and reporting requirements provided in sections 5.2.1 and 5.2.2. Permittees that do not land apply and only dispose of septage at a facility approved for domestic septage storage and/or treatment., shall only follow the reporting requirements in sections 5.2.2.3 and 5.2.2.4.

5.2.1 Land Application Requirements and Limitations

The permittee shall comply with the following land application requirements and limitations.

5.2.1.1 Maximum Weekly Hydraulic Loading Rates

The hydraulic loading rate of septage application shall be limited by soil characteristics and application method. The maximum weekly hydraulic loading rate is limited to 13,000 gallons/acre/week, except that injection and incorporation on sites of six percent slope or less may be increased as specified under section 5.2.1.2.

5.2.1.2 Alternative Maximum Weekly Hydraulic Loading Rates

The permittee may exceed the weekly hydraulic application rate of 13,000 gallons/acre/week provided land application occurs via incorporation or injection and the below conditions are met. The hydraulic loading rate of application shall be limited by soil characteristics but under no circumstances may it exceed the alternative maximum weekly hydraulic loading rates provided in Table 1.

Table 1. Alternative Maximum Weekly Hydraulic Loading Rates for Each Soil Texture

Soil Texture	Minimum Depth of 3.0 ft to Groundwater or Bedrock (gal/ac/wk or in/wk)
Sand*	13,000 (1/2 in)
Sandy Loam	27,000 (1 in)
Loam	27,000 (1 in)
Silt Loam	27,000 (1 in)
Clay Loam	20,000 (3/4 in)

* For land application sites that contain sand or loamy sand soils, the permittee must demonstrate that the soils have a water holding capacity of greater than five inches above the ground water or bedrock for land application to occur. In no case may greater than the top 60 inches in a soil profile be used to determine the five inches of water holding capacity. The department considers sand or loamy sand soils to have a permeability rate greater than six inches per hour pursuant to s. NR 113.07(3)(b)1., Wis. Adm. Code. Refer to s. NR 113.03(6), Wis. Adm. Code, for calculating the water holding capacity.

The permittee shall submit a written request to the department for an increase in weekly hydraulic loading rate. The department shall document the evaluation in writing and provide the evaluation to the WPDES permit holder. When the alternative weekly application rates are approved by the department for greater than 13,000 gallons/acre/week, the permittee shall update its management plan to include the approved alternative rates, procedures to ensure accurate flow measurement and calibration, and any additional pertinent information.

5.2.1.3 Yearly Hydraulic Loading Rate (Low Use Fields)

Land application to a site may not exceed the yearly maximum hydraulic limits specified under s. NR 113.09, Wis. Adm. Code, Table 4, or nitrogen needs of the crop. Yearly loading rates listed in Table 4 may be used if the crop grown on low use fields requires 100 lbs N/acre/crop year or more. If the crop requires less than 100 lbs N/acre/crop year, the loadings shall be reduced in accordance with the “Annual Agronomic Rate” equations (section 5.2.1.7).

5.2.1.4 Yearly Hydraulic Loading Rate (High Use Fields)

The volume of septage applied annually on a high use field may not exceed the amount calculated by the “Annual Agronomic Rate” (section 5.2.1.7) that is necessary to supply the nitrogen needs of the crop to be grown, as determined by the analysis of soil samples. The nitrogen crop needs shall be based on the University of Wisconsin – Extension bulletin A-2809 nutrient application guidelines for field, vegetable and fruit crops in Wisconsin, dated November 2012, which is incorporated by reference and soil samples shall be collected based on the University of Wisconsin extension bulletin A-2100, sampling soils for testing, dated January 2013, which is incorporated by reference, or guidance approved by the department.

5.2.1.5 Ponedged Waste

Domestic septage may not be land applied on saturated soils during rainfall events, or in areas of ponded water. In addition, land application vehicles shall be moving forward at all times while domestic septage is being applied. Pongding of domestic septage as defined under s. NR 113.03(40), Wis. Adm. Code, is prohibited.

5.2.1.6 Litter Free

All fields shall be left in a litter free condition after land application. Litter free is defined under s. NR 113.03(33), Wis. Adm. Code.

5.2.1.7 Annual Agronomic Rate

Septage may only be applied on agricultural lands and may not be applied at rates that will supply available nitrogen at amounts greater than the agronomic need for the crop grown. Domestic septage may not be applied at a rate that exceeds the following:

$$\text{Annual Agronomic Rate} = \frac{\text{Lbs. of Nitrogen Required for the Expected Crop Yield per Acre (Gal/Acre/Year)}}{(0.0026)}$$

Note: Annual agronomic rate formula was developed in U.S. EPA guidance titled “*A Guide to the Federal EPA Rule for Land Application of Domestic Septage to Non-Public Contact Sites*” dated September 1993. This formula estimates 2.5 pounds of nitrogen per 1,000 gallons of septage.

5.2.1.8 Cropping

Domestic septage that is land applied based on the agronomic crop requirements may not be applied more than 10 months prior to the planting of the crop.

5.2.1.9 Specific Crops on High Use Fields

Septage may be applied to most leguminous crops at a volume sufficient to supply 200 pounds/acre of available nitrogen. If domestic septage is applied to soybeans, the loading shall be limited to 140 lbs/ac of available nitrogen.

5.2.1.10 Grease Interceptor Waste 25% or Less

Grease interceptor wastewater making up to or less than 25% of the total volume of domestic septage that is land applied to agricultural lands shall be surface applied (without incorporation), incorporated or injected, and applied in accordance with Section 5.2.1.1.

5.2.1.11 Grease Interceptor Waste Greater than 25%

Grease interceptor wastewater greater than 25% of the total volume of domestic septage that is land applied to agricultural lands shall be incorporated or injected and the hydraulic loading rate of application shall be limited by soil characteristics but under no conditions may it exceed 4,300 gallons per acre per week and 12,900 gallons per acre per year.

5.2.1.12 Vector Attraction Reduction Requirements

The permittee shall reduce vector attraction when domestic septage is land applied by one the following ways:

1. Domestic septage is injected below the surface of the land such that no significant amount of the domestic septage shall be present on the land surface within one hour after the domestic septage is injected.
2. Domestic septage applied to the land surface shall be incorporated into the soil surface plow layer within six hours after application. All equipment for surface spreading of septage shall have a splash plate or some other department approved method or device to facilitate uniform septage application.

3. The pH of the domestic septage applied to a department approved site shall be raised to 12.0 s.u. (standard pH units) or higher by alkali addition and, without the addition of more alkali, shall remain at 12.0 s.u. or higher for 30 minutes. The pH shall be determined on each truckload batch using narrow range pH paper for the appropriate pH range or an acceptable pH meter. pH meters shall be routinely calibrated. The pH shall be measured to 3 significant digits. In all cases, pH should be measured in a slurry. If using a pH meter, the domestic septage lime slurry shall be corrected to a temperature of 25 deg. C with the following formula:

$$\text{Correction Factor} = \frac{(0.03 \text{ s.u.} \times (\text{Measured Temp} - 25 \text{ deg C}))}{1 \text{ deg C}}$$

$$\text{Actual pH} = \text{Measured pH} \pm \text{Correction Factor}$$

Note: Self-calibrating pH meters are acceptable provided the meter user manual and routine meter calibration procedures are included in the management plan as a standard operating procedure and calibration is performed regularly. All pH calibration shall be logged, maintained for a period of 5 years, and provided upon for department request.

All vector attraction reduction methods used shall be specified in the discharge logs. This includes (as applicable based on type(s) of landspreading equipment): time of initial pH testing, results of initial pH testing, time of second pH testing, results of second pH testing, any additional pH testing information, time of application, time of injection, and time of incorporation.

5.2.1.13 Pathogen Control Requirements

The permittee shall reduce pathogens when domestic septage is land applied by one of the following ways:

1. The following site restrictions are met when domestic septage is land applied:
 - a. Food crops with harvested parts that touch the domestic septage/soil mixture and are totally above the land surface may not be harvested for 14 months after application of domestic septage.
 - b. Food crops with harvested parts below the surface of the land may not be harvested for 20 months after application of domestic septage when the domestic septage remains on the land surface for four months or longer prior to incorporation into the soil.
 - c. Food crops with harvested parts below the surface of the land may not be harvested for 38 months after application of domestic septage when the domestic septage remains on the land surface for less than 4 months prior to incorporation into the soil.
 - d. Food crops, feed crops and fiber crops may not be harvested for 30 days after application of domestic septage.
 - e. Animals may not be allowed to graze on the land for 30 days after application of domestic septage.
 - f. Turf grown on land where domestic septage is applied may not be harvested for one year after application of the domestic septage when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by the department.
 - g. Public access to land with a high potential for public exposure shall be restricted for one year after application of domestic septage.

- h. Public access to land with a low potential for public exposure shall be restricted for 30 days after application of domestic septage.
- 2. If using pH adjustment option for vector attraction reduction requirements, Part 1. a. to d. in this section shall be met.

5.2.2 Reporting and Record Keeping Requirements

The permittee shall comply with the following reporting and record keeping requirements.

5.2.2.1 Daily Discharge Logs

The permittee shall maintain a Daily Land Application Log and Daily Disposal Log of wastes removed from the septage storage facility. Originals of the log sheets shall be kept by the permittee as described under “Records Retention” in the Standard Requirements section, and if requested, made available to the department. A permittee landspreading septage must also provide a pathogen control and vector attraction reduction certification statement pursuant to s. NR 113.11(3)(c)7.a., Wis. Adm. Code. This certification statement may be signed by the operator-in-charge or WPDES authorized representative.

Daily Land Application Log			
Parameters	Limit	Units	Log Frequency
Date			Daily
DNR Site Number(s)		Number	Daily
Type of Waste Applied to Approved Site		Type	Daily
Total Acres Applied per Site		Acres	Daily
Volume of Waste Applied to Approved Site		Gallons/Day	Daily
Hydraulic Application Rate per Site	See Section 5.2.1.1	Gal/Acre/Week	Weekly
Hydraulic Application Rate per Site for Low Use Fields	39,000 Annual Maximum	Gal/Acre/Year	Crop Year
Hydraulic Application Rate per Site for High Use Fields	Pursuant to Agronomic Rate in Section 5.2.1.7	Gal/Acre/Year	Crop Year
Time of Application			Per Application
Method of Application		Injection, Incorporation, or Surface Applied	Per Application
Vector Attraction Reduction and Pathogen Control	See Sections 5.2.1.12 and 5.2.1.13	Restrictions, Injection, Incorporation or pH Adjustment	Per Application
Time of Incorporation			Per Application

Daily Disposal Log			
Parameters	Limit	Units	Log Frequency
Date			Daily
Disposal Location			Daily
WPDES Permit or License			Daily
Total Volume of Waste Disposed		Gallons/Day	Daily

Note: If septage is hauled out of state, state the full name, address and that state’s permit number. If septage is disposed to an approved manure storage facility, state the name and address of the manure storage facility as well as describing the manure storage facility if more than one on the site.

5.2.2.2 Operational Records for Each Load of Waste Land Applied

In addition to the discharge log requirements listed in under section 5.2.2.1, the permittee shall record the following information in the daily discharge log for each load of waste that is removed from the septage storage facility and land applied:

1. Written certification by the designated authorized representative of the septage storage facility regarding the pathogen and vector attraction reduction requirements pursuant to s. NR 113.11(3)(c)7., Wis. Adm. Code.
2. A description or SOP of how the pathogen reduction requirements are met. This SOP may be included in the permittee’s approved management plan.
3. A description or SOP of how the vector attraction reduction requirements are met. This SOP may be included in the permittee’s approved management plan.
4. Lime purchase receipts if surface applying with alkaline stabilization is the selected method for meeting the pathogen and vector attraction reduction requirements.
5. Actual annual hydraulic and nitrogen application rates shall be retained pursuant to s. NR 113.11(3)(c)9., Wis. Adm. Code.

5.2.2.3 Annual Land Application Report (Form 3400-55)

The annual totals for the land application of domestic septage to approved sites shall be submitted electronically on the Land Application Report Form 3400-55 by January 31st, each year whether or not domestic septage is land applied in accordance with s. NR 113.11(3)(a), Wis. Adm. Code. Following submittal of the electronic Land Application Report Form 3400-55, this form shall be certified electronically via the “eReport Certify” page by a responsible executive officer, manager, partner or proprietor or duly authorized representative in accordance with s. NR 205.07(1)(g), Wis. Adm. Code. The “eReport Certify” page certifies that the electronic report form is true, accurate, and complete.

5.2.2.4 Other Methods of Disposal or Distribution Report (Form 3400-52)

The permittee shall submit electronically the Other Methods of Disposal or Distribution Report Form 3400-52 by January 31, each year whether or not domestic septage is hauled to another facility, landfilled, incinerated, or stored in a manure storage unit. Following submittal of the electronic Other Methods of Disposal or Distribution Report Form 3400-52, this form shall be certified electronically via the “eReport Certify” page by a responsible executive officer, manager, partner or proprietor or duly authorized

representative in accordance with s. NR 205.07(1)(g), Wis. Adm. Code. The “eReport Certify” page certifies that the electronic report form is true, accurate, and complete.

5.2.2.5 Soil Test Report for High Use Fields

Permittees shall submit a soil test report that includes the agricultural soil analysis for each high use field once every 4 years of use when required by s. NR 113.07(3)(b)11., Wis. Adm. Code. This soil test report shall be submitted to the department’s regional septage coordinator.

6 Septage Management Plan

The permittee shall comply with the following septage land management plan requirements.

6.1 Operate Consistent with an Approved Management Plan

The owner or operator of a septage storage facility shall prepare and submit for approval to the department a management plan for each septage facility. The management plan shall provide for optimizing system performance and demonstrating compliance with the requirements of this chapter. Following approval by the department, the septage storage facility shall be operated in conformance with the management plan.

If the owner or operator of the septage storage facility wishes to operate differently than specified in the approved management plan, the owner or operator shall submit a written request to the department for approval of the amendment of the management plan. The amendment approval request shall include a copy of the complete amended plan.

6.2 Submittal of the Management Plan

The permittee shall submit a management plan to the department for approval at the time the NOI is submitted, or within 60 days from the date of reissuance of this general permit. If an applicant applies for coverage during the term of this general permit (prior to the expiration date), the permittee shall submit the land management plan with the NOI. When coverage is granted under this general permit, if the department determines that a previously approved land management plan must be amended to comply with the conditions of this general permit and ch. NR 113, Wis. Adm. Code, the department will provide written notification to the permittee. Within 60 days of written notification, land management plans shall be submitted to department staff identified in the document granting coverage under this general permit.

6.3 Management Plan Content

The management plan shall, at a minimum, describe the following information:

1. Information on any pretreatment processes.
2. Method utilized to discharge domestic septage to the storage facility tank(s).
3. Type of wastes to be land applied or disposed.
4. Record keeping system for domestic septage being added to and removed from the storage facility tank(s).
5. The description of how domestic septage will be mixed in the storage unit(s).
6. The description of how domestic septage will be removed from the storage unit(s).
7. Methods and equipment to be used to land apply the facility contents.
8. A description of procedures for regularly inspecting and maintaining each storage unit.
9. Method to be used to track application and loading rates to ensure domestic septage is not overapplied.
10. Procedures for operating and maintaining the storage facility during inclement weather.
11. Plans for monitoring and controlling emergency events such as a large spill in a spill plan pursuant to s. NR 113.12(7)(a), Wis. Adm. Code.
12. Procedures listing notification methods the owner or operator will use to submit to the department notifying the department 7 days prior to land application events. The department may waive the 7-day notification requirement when regular or ongoing land application events are proposed and details of the regular or ongoing land application events are included

- in the management plan. (section 7.7).
13. Notification procedures in case of spills or emergency situations (See sections 8, 9.1.1 and section 9.1.2).
 14. Description of the methods utilized for complying with pathogen and vector control requirements.
 15. Site identification on plat and soil maps, including aerial photographs if available.
 16. Description of all site limitations, vegetative cover management and removal, availability of storage, type of transporting and spreading vehicle, load and rest schedules, and monitoring procedures.
 17. Land application site information summaries providing acreage secured for land application and the process to secure additional acreage as needed.
 18. Description of steps the owner or operator will take to ensure that sites remain litter free, including any screening processes, litter removal from sites, and litter disposal.
 19. An adequate description of any approved variances and the circumstances in which it will be used.
 20. Equipment and procedures associated with the direct land application of septage (outfalls 902 and 903). In addition, detail tracking procedures for fields receiving waste from multiple land application outfalls (901, 902, and 903) to ensure that wastes are uniformly distributed to specific areas of the site to prevent overloading and to provide accurate hydraulic loadings
 21. Additional information as required by the department relating to the operation of the facility and disposal of wastes.

7 Operational Requirements

The permittee shall comply with the following operational requirements.

7.1 Mixing Prior to Land Application

Contents of the septage storage facility shall be mixed prior to land application.

7.2 Storage Length

The permittee may not store a batch of domestic septage for longer than 2 years pursuant to s. NR 113.12(1)(c), Wis. Adm. Code.

7.3 Free Board

Free board for lagoons shall be no less than three feet from the top of the lagoon to prevent overflowing. For all other storage structures except those approved under sub. NR 113.12(3)(d)2., Wis. Adm. Code, the septage storage facility shall maintain no less than 18 inches of free board from the top of walls to prevent overflowing the septage storage facility.

7.4 Grit, Screenings, and Other Waste

Any bulky or non-organic waste that is removed from the septage storage facility during the clean out or maintenance, or any grit or screenings collected, shall be properly disposed of at a licensed solid waste facility (landfill). The landfill must be licensed under chs. NR 500 to 538, Wis. Adm. Code.

7.5 Vehicle Requirements

All domestic septage placed in the septage storage facility must be delivered from a licensed septage business pursuant to s. NR 113.05, Wis. Adm. Code.

The owner or operator may remove the domestic septage from the WPDES permitted septage storage facility and then land apply on department approved sites or haul the domestic septage to other permitted facilities approved for domestic septage storage and/or treatment.

Vehicles operating under this WPDES permit and used strictly for land application do not need to meet the requirements of ss. NR 113.06(1), NR 113.06(2)(e) – (m), NR 113.06(3)(c)1., and NR 113(3)(d) and (e), Wis. Adm. Code.

When disposing at a land application site, site related information must be kept in the vehicle cab pursuant to s. NR 113.06(3)(g), Wis. Adm. Code.

7.6 Abandonment Conditions

In the event of abandonment of the septage storage facility, the owner shall be responsible for all abandonment procedures. The permittee shall comply with the following requirements:

1. Six months prior to abandoning the septage storage facility submit an abandonment plan and schedule of accomplishment to the department for its review and approval. This abandonment plan shall be in compliance with related local, state and federal rules and regulations.
2. The owner, within 12 months of the plan approval, shall complete the abandonment.

7.7 Seven-Day Notification

The permittee shall notify the department at least seven days prior to the anticipated removal of any of the storage facility contents. The method of notification (phone message, email, letter, etc.) will be a process agreed upon by the permittee and the department. The notification shall include a list of all land application sites anticipated to be used. The management plan shall contain a description of this seven-day notification and the agreed upon method of notification. The department may waive the 7-day notification requirement when regular or ongoing land application events are proposed and details of the regular or ongoing land application events are included in the management plan.

7.8 Nuisance Abatement

The owner or operator of the septage storage facility shall conform to all of the following:

1. Operations shall be conducted in a manner that does not cause a nuisance or health hazard.
2. Discharge valves on tanks, piping and other equipment shall be watertight, capped when not in use, and constructed and located so as to minimize any accidental spills.
3. Hoses and piping, when not in use, shall be stored so as to prevent leakage or dripping of septage.
4. To minimize unsanitary conditions, solid waste receptacles shall be used and serviced when equipment including screening, lime-mixing, and other equipment are used.

7.9 Septage Facilities Approved Prior to October 1, 2021

A storage facility approved before October 1, 2021, that receives only septage and possesses written approval from the department may continue in operation. Within 24 months after October 1, 2021, the facility shall provide to the department all of the following:

1. A spill plan;
2. A management plan; and
3. If available, a copy of the construction inspection report. If this report is unavailable, the facility owner or operator shall provide an inspection report completed by a qualified inspector for each storage unit completed within the last 2 years.

7.10 Transfer Ownership of Previously Approved Septage Storage Facility

A septage only storage facility for which the department has issued written approval may continue in operation after the transfer of ownership and upon the new owner of the septage storage facility completing all of the following:

1. Within 15 days of ownership transfer notifying the department of the change of ownership and providing new owner's contact information including legal entity name, address, phone number, and email address.
2. Within 15 days of ownership transfer providing to the department a copy of the plan and specification approval, conditional approval, or acceptance.
3. Within 60 days of ownership transfer, submitting to the department a spill plan, a management plan, a reevaluation inspection report and a copy of the construction report (if available).

Note: If disposal of septage includes land application, then the permittee will request approval of land application sites per s. NR 113.11, Wis. Adm. Code.

7.11 Maintenance inspections and reporting

Pursuant to s. NR 113.12(6)(c), Wis. Adm. Code:

1. The owner or operator of the septage storage facility, or another person qualified to inspect the septage storage facility that is designated by the owner or operator of the septage storage facility shall inspect each septage storage facility as part of ongoing maintenance of the septage storage facility. Each inspection shall include observations and recording of all of the following:
 - a. Any evidence of tank leakage
 - b. Any evidence of pipe or valve leakage
 - c. Missing equipment including caps or plugs
 - d. Any evidence of visible cracks or rusting that indicate future potential issues
 - e. Disappearance of volumes of septage within the septage storage facility
2. Maintenance inspections under 1. Above shall be conducted and recorded monthly.
3. The owner or operator of the septage storage facility shall notify the department within 30 days of becoming aware of findings that require the owner or operator to minimize or prevent the likelihood of any adverse impacts to public health, the waters of the state, or the environment. The owner or operator shall develop, communicate, and implement a plan to further identify and resolve any potential impacts.

7.12 Reevaluation inspection and report

Pursuant to s. NR 113.12(6)(b), Wis. Adm. Code:

1. The owner or operator of a septage storage facility shall complete a reevaluation inspection once every 10 years.
2. The owner or operator of each septage storage facility shall have the septage storage facility reevaluated by a qualified person. The reevaluation inspection shall include an in-depth inspection of the multiple components of the septage storage facility including piping, valves, tank integrity, foundation, receiving facilities, and mixing facilities. If the facility is a lagoon, the lagoon shall comply with the sealing requirements under s. NR 110.24, Wis. Adm. Code. The findings of the reevaluation inspection shall be compiled into a report. The report shall be submitted to the department. The report shall contain information establishing the qualifications of the inspector to adequately evaluate the integrity of the storage facility.
3. The owner or operator of the septage storage facility shall report in writing to the department any deficiencies and identify plans and timeframes to correct the deficiencies identified by a reevaluation inspection under this paragraph. A qualified inspector shall verify that deficiencies have been corrected and communicate that information to the department in writing. The owner or operator shall indicate to the department in writing if the septage storage will be removed from service immediately.
4. The owner or operator of the septage storage facility shall provide regular and timely communication to the department until the septage storage facility is remedied or permanently abandoned.

8 Land Application to Frozen or Snow-Covered Ground

Land application of domestic septage from a septage storage facility to frozen or snow-covered ground due to an emergency is prohibited except where there are no other reasonable disposal methods available and approved by the department in writing pursuant to s. NR 113.07(1)(b)1., Wis. Adm. Code.

Reasonable disposal options include but are not limited to, hauling the waste to a nearby POTW which will accept the domestic septage pursuant to s. NR 113.07(1)(b)1., Wis. Adm. Code.

8.1 Reporting Requirements

The permittee shall comply with the following reporting requirements.

8.1.1 Notification within 24 Hours

The permittee shall notify the department by telephone or email as soon as practicable, but no later than 24 hours from the time the permittee becomes aware of the emergency and the need to land apply on department approved sites. The permittee shall explain their land application strategies.

8.1.2 Written Report Within Five Days

The permittee shall, no later than five days from the conclusion of the land application, provide to the department the information identified in this paragraph in a written report. The following information shall be included in the written report:

1. The date and location of the emergency land application.
2. The cause or suspected cause of the emergency and need to land apply.
3. Explanation of why there was no other reasonable disposal methods available.
4. Steps taken or planned to reduce, eliminate and prevent reoccurrence of the emergency.

8.2 Land Application Site Requirements

The permittee shall comply with the following land application site requirements.

8.2.1 Site Approval

Permittees shall obtain special written approval in advance from the department for specific sites which may be used for emergency situations.

8.2.2 Site or Field Slope

Sites or fields used shall have slopes less than or equal to 2%. However, the department may approve sites or fields with greater than 2% slopes under extenuating circumstances and as specified in the permittee's management plan.

8.2.3 Surface Water or Wetland Setback

Application is not allowed within 750 feet of any surface water or wetland.

8.2.4 Floodplain Restriction

Application is not allowed in a floodplain.

8.3 Land Application Requirements and Limitations

The permittee shall comply with the following land application requirements and limitations.

8.3.1 Prior Land Application Approval

The permittee may not land apply to frozen or snow-covered ground until written approval is received from the department.

8.3.2 Maximum Hydraulic Loading Rate

Waste shall be applied at a rate of less than 10,000 gallons per acre in accordance with s. NR 113.07(1)(b)1.b., Wis. Adm. Code.

8.3.3 Application Method

Surface application with alkali addition is required unless frost depth is less than four inches and injection or incorporation can meet the requirements of s. NR 113.07(1)(d), Wis. Adm. Code.

9 Standard Requirements

The conditions in ss. NR 205.07(1), 205.07(3), and 205.08(3), Wis. Adm. Code, and 40 CFR 122 are included by reference in this general permit. Some of these requirements are outlined in the Standard Requirements section of this general permit. Requirements not specifically outlined in the Standard Requirements can be found in ss. NR 205.07(1), 205.07(3), and 205.08, Wis. Adm. Code, and 40 CFR 122.

9.1 Reporting Requirements

The permittee shall comply with the following reporting requirements.

9.1.1 Noncompliance Reporting

The permittee shall report the following types of noncompliance by a telephone call to the department's regional office within 24 hours after becoming aware of the noncompliance:

- any noncompliance which may endanger health or the environment;
- any violation of an effluent limitation resulting from a bypass;
- any violation of an effluent limitation resulting from an upset; and
- any violation of a maximum discharge limitation for any of the pollutants listed by the department in the general permit, either for effluent or sludge.

A written report describing the noncompliance shall also be submitted to the department as directed at the end of this general permit within five days after the permittee becomes aware of the noncompliance. On a case-by-case basis, the department may waive the requirement for submittal of a written report within five days and instruct the permittee to submit the written report with the next regularly scheduled monitoring report. In either case, the written report shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times; the steps taken or planned to reduce, eliminate and prevent reoccurrence of the noncompliance; and if the noncompliance has not been corrected, the length of time it is expected to continue.

A scheduled bypass approved by the department as specified in s. NR 205.07(1)(u)2, Wis. Adm. Code, shall not be subject to the reporting required under this section.

9.1.2 Spill Reporting

Any accidental spillage shall be cleaned up and the area restored to render it harmless to humans and animals. Spills of 50 gallons or greater shall be reported, within 24 hours, to the department.

Note: Section 292.11(2)(a), Wis. Stats., requires any person who possesses or controls a hazardous substance or who causes the discharge of a hazardous substance to notify the department **immediately** of any discharge not authorized by the general permit. **The discharge of a hazardous substance that is not authorized by this general permit or that violates this general permit may be a hazardous substance spill. To report a hazardous substance spill, call DNR's 24-hour HOTLINE at 1-800-943-0003.**

9.1.3 Planned Changes

In accordance with ss. 283.31(4)(b) and 283.59(1), Wis. Stats., the permittee shall report to the department any facility expansion, production increase or process modifications that will result in new, different or increased discharges of pollutants. The report shall either be a new general permit notice of intent or, if the new discharge will not violate the effluent limitations of the general permit, a written notice of the new, different or increased discharge. The notice shall contain a description of the new

activities, an estimate of the new, different or increased discharge of pollutants and a description of the effect of the new or increased discharge on existing waste treatment facilities. Following receipt of this report, the department may modify the general permit coverage letter to specify any discharges of pollutants not previously covered by the general permit.

9.2 General Conditions for General Permits

The permittee shall comply with the following general conditions for general permits.

9.2.1 Delegation of Signature Authority

The permittee must provide a Delegation of Signature Authority (DSA) request (Form 3400-220) or equivalent for a duly authorized representative to submit specific documents on the behalf of a responsible executive, officer, manager, partner, or proprietor of a permitted discharge. An executive, officer, manager, partner, or proprietor can only delegate signature authority to a duly authorized representative if that person has responsibility for the overall operation of the facility or activity regulated by this general permit. The DSA request shall specify the name of the individual and their employment position. The DSA request must be submitted to the department with the NOI or together with the submittal of any required documents. If there are any changes to this request, a new DSA request shall be submitted to the department.

9.2.2 Permit Coverage Transfers

A permit is not transferrable to any person except after notice to the department. Permittees that wish to transfer general permit coverage to a new permittee must submit a Transfer of Coverage (TOC) request (Form 3400-222). The TOC must be submitted at least 30 days in advance of the proposed transfer date. All TOCs shall be completed by both the existing and new permittees including the “Certification & Signature” section and sent via mail or email to the department. The department will then send a letter to the existing permittee stating that their coverage is terminated under this general permit.

If the quality or quantity of the discharge has not changed at the facility, the department will send a letter of determination that grants coverage to the new permittee under this general permit. If there have been significant changes at the permitted facility, the new permittee shall submit a new NOI to the department.

9.2.3 Permit Coverage Terminations

Permittees that wish to terminate their general permit coverage must submit a Notice of Termination (NOT) request (Form 3400-221) to the department. All NOTs must be completed by the permittee and include the “Certification & Signature” section and sent via mail or email to the department. The department will then send a termination letter to the permittee stating that their coverage is terminated under this general permit.

9.2.4 Continuation of an Expired General Permit

If a permittee submitted a complete and timely NOI to be covered by this general permit, all conditions of an expired general permit shall continue to apply until the effective date of a reissued general permit.

9.3 General Conditions for WPDES Permits

9.3.1 Duty to Comply

The permittee shall comply with all conditions of the general permit. Any general permit noncompliance is a violation of the general permit and is grounds for enforcement action; general permit coverage termination; or denial of reapplying for general permit coverage. If a permittee violates any terms of the general permit, the permittee is subject to the penalties established in ch. 283, Wis. Stats.

9.3.2 Property Rights

The general permit does not convey any property rights of any sort, or any exclusive privilege. The general permit does not authorize any injury or damage to private property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

9.3.3 Inspection and Entry

The permittee shall allow an authorized representative of the department, upon the presentation of credentials, to:

- Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records are required under the conditions of the general permit;
- Have access to and copy, at reasonable times, any records that are required under the conditions of the general permit;
- Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under the general permit; and
- Sample or monitor at reasonable times, for the purposes of assuring general permit compliance, any substances or parameters at any location.

9.3.4 Records Retention

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by the general permit, and records of all data used to complete the application for the general permit for a period of at least 3 years from the date of the sample, measurement, report or application. All pertinent sludge information, including notice of intent information and other documents specified in the general permit or ch. NR 204, Wis. Adm. Code, shall be retained for a minimum of 5 years.

9.3.5 Signatory Requirement

All general permit notice of intents, reports and other information requested by the department shall be signed by a responsible executive officer, manager, partner or proprietor as specified in s. 283.37(3), Wis. Stats., or a duly authorized representative of the officer, manager partner or proprietor that has been delegated signature authority pursuant to s. NR 205.07(1)(g)2, Wis. Adm. Code.

9.3.6 Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of this general permit.

9.3.7 Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent the likelihood of any adverse impacts to public health, the waters of the state, or the environment resulting from noncompliance with the general permit.

9.3.8 Duty to Provide Information

The permittee shall furnish the department, within a reasonable time, any information which the department may request to determine whether cause exists for modifying, terminating, suspending, revoking or reissuing the general permit or to determine compliance with the general permit. The permittee shall give advance notice to the department of any planned changes in the permitted facility or activity which may result in noncompliance with general permit requirements. The permittee shall also furnish the department, upon request, copies of records required to be kept by the permittee.

9.3.9 Need to Halt or Reduce Activity Not a Defense

It is not a defense for a permittee in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the general permit.

9.3.10 Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a notice of intent or submitted incorrect information in a notice of intent or in any report to the department, it shall promptly submit such facts or correct information to the department.

9.3.11 Permit as Enforcement Shield

Compliance with a general permit during its term constitutes compliance for purposes of enforcement with 33 USC 1311, 1312, 1316, 1317, 1328, and 1345 (a) and (b), except for any toxic effluent standard or prohibition, and standards for sewage sludge use or disposal. If a new or revised toxic effluent standard or toxic prohibition becomes effective during the term of the general permit, the permittee may be subject to enforcement action if the discharge exceeds the new or revised effluent standard for the toxic pollutant even though the discharge is in compliance with the existing general permit. The permittee may also be subject to enforcement action standards for sewage sludge use or disposal. However, a general permit may be modified, revoked and reissued, or terminated during its term for cause as set forth in ch. 283, Wis. Stats., and ch. NR 203, Wis. Adm. Code.

9.3.12 Severability

The provisions of this general permit are severable, and if any provisions of this general permit or the application of any provision of this general permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this general permit, shall not be affected thereby.

9.3.13 Removed Substances

Solids, sludges, filter backwash or other pollutants removed from or resulting from treatment or control of wastewaters or intake waters shall be stored and disposed of in a manner to prevent any pollutant from the materials from entering the waters of the state. Land disposal or application of treatment plant solids and sludges shall be at a site or operation licensed by the department under chs. NR 500 to NR 538, Wis. Adm. Code, or chs. NR 660 to NR 670, Wis. Adm. Code, or in accordance with chs. NR 204 or NR 214, Wis. Adm. Code.

9.3.14 Duty to Halt or Reduce Activity

Upon failure or impairment of treatment facility operation, the permittee shall, to the extent necessary to maintain compliance with its general permit, curtail production or wastewater discharges or both until the treatment facility operations are restored or an alternative method of treatment is provided.

10 Summary of Reports Due

FOR INFORMATIONAL PURPOSES ONLY

Description	Date	Page
Notice of Intent	30 business days before the expected start date of operation of the septage storage facility	3
Land Application Site Request Form 3400-053	Prior to land application to any site	4
Annual Land Application Report Form 3400-055	January 31, following each year waste is land applied	14
Methods of Disposal or Distribution Report Form 3400-052	January 31, following each year waste is hauled to another facility	14
Septage Management Plan	60 days after the date of issuance of the general permit or together with the NOI	16
Soil Test Report for High Use Fields	Once every 4 years of use	15
Reevaluation inspection and report	10 years	20
Monthly Maintenance Inspection and Report	Monthly	20
Delegation of Signature Authority (Form 3400-220)	Submitted with the NOI or together with the submittal of any required documents	24
Notice of Termination (Form 3400-221)	After discontinuing permitted discharge	24
Transfer of Coverage (Form 3400-222)	30 days in advance of the proposed transfer date	24

Monitoring results obtained during the specified reporting period shall be summarized and reported on the forms listed above or other reporting form or system approved by the department (including the electronic land application reporting system). Paper copies of the monitoring forms will no longer be accepted. A copy of the submitted electronic land application report forms shall be retained by the permittee. All other submittals required by this general permit shall be submitted to the department regional septage coordinator. A listing of the septage coordinators for each region with mailing addresses and phone numbers can be found at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>.

Appendices

A. Definitions

B. Notice of Intent Form

Appendix A – Definitions

The definitions of terms used in this general permit are based on their applicability to the type of operations and activity covered under this general permit. The definitions of these terms are included by reference from chs. NR 113, NR 200, NR 204, NR 211, NR 205, NR 214 and NR 243, Wis. Adm. Code. Definitions not specifically outlined in this section can be found in Wisconsin Administrative Code, Wisconsin Statutes, or 40 CFR. Each term is provided with its code reference. If the terms below are found to be inconsistent with the definition in code, permittees shall refer to the code definition.

Agricultural Land

Agricultural land means land on which a food crop, a feed crop or fiber crop will be grown within 12 months after septage is applied to the land. This includes range land and land used as pasture. (*s. NR 113.03(1), Wis. Adm. Code*)

Agronomic Rate

Agronomic rate means the total septage application rate (dry weight basis) designed to provide the amount of nitrogen needed by the food crop, feed crop, fiber crop, cover crop or other vegetation grown on the land and designed to minimize the amount of nitrogen in the septage that passes below the root zone of the crop or vegetation grown on the land to the ground water. (*s. NR 113.03(2), Wis. Adm. Code*)

Approved Site

Approved site means property approved by the department or its agent for the disposal, recycling, or storage of septage. (*s. NR 113.03(4), Wis. Adm. Code*)

Available Nitrogen

Available nitrogen means the nitrogen present in the septage in the NH₃-N form and the nitrogen that is mineralized from the organic nitrogen in the septage, both of which can then be absorbed and assimilated by growing plants in the cropping year. (*s. NR 113.03(5), Wis. Adm. Code*)

Available Water Holding Capacity

Available water holding capacity means the amount of water which is readily held by the soil and available for plant uptake. (*s. NR 113.03(6), Wis. Adm. Code*)

Note: available water holding capacity shall be calculated using the table provided in this section, or other method acceptable to the department.

Business Days

Business days means each day except Saturday; Sunday; January 1; the third Monday in January, which shall be the day of celebration for January 15; the last Monday in May, which shall be the day of celebration for May 30; July 4; the first Monday in September; the 4th Thursday in November; December 24; December 25; December 31; and the day following if January 1, July 4 or December 25 falls on Sunday. (*s. NR 200.02(1), Wis. Adm. Code*)

By-Product Solids

By-product solids means waste materials from the animal product or food processing industry including, but not limited to: remains of butchered animals, paunch manure and vegetable waste materials such as leaves, cuttings, peelings and actively fermenting sweet corn silage. (*s. NR 214.03(4), Wis. Adm. Code*)

Domestic Wastewater

Domestic wastewater means the type of wastewater normally discharged from plumbing facilities in private dwellings or commercial domestic establishments and includes, but is not limited to, sanitary, bath, laundry, dishwashing, garbage disposal and cleaning wastewaters. (*s. NR 205.03(14), Wis. Adm. Code*)

Field

Field means a subset of a site. (*s. NR 113.03(18), Wis. Adm. Code*)

Food Crops

Food crops means tobacco and crops grown for human consumption. (*s. NR 113.03(20), Wis. Adm. Code*)

Grease Interceptor

Grease interceptor means a water tight receptacle designed to intercept and retain grease or fatty substances contained in kitchen and other food wastes. Grease interceptor and grease trap mean the same thing. (*s. NR 113.03(21), Wis. Adm. Code*)

Note: Grease interceptor waste should not be confused with grease generated from food processing within an industrial facility regulated pursuant to ch. NR 214, Wis. Adm. Code.

High Use Field

High use field means a field that is approved by the department to receive more than 39,000 gallons per acre of septage per crop year and the volume applied is limited to the crop nutrient requirements. (*s. NR 113.03(24), Wis. Adm. Code*)

Holding Tank

Holding tank means an approved watertight receptacle for the collection and holding of sewage. (*s. NR 113.03(26), Wis. Adm. Code*)

Incorporation

Incorporation means the mixing of septage with topsoil, by methods such as disking, mold-board plowing, chisel plowing or rototilling to a minimum depth of 4 inches. (*s. NR 113.03(28), Wis. Adm. Code*)

Note: For vector attraction reduction, incorporation is required to be conducted within 6 hours after land application occurs.

Industrial Sludge

Industrial sludge means the accumulated solids generated during the biological, physical or chemical treatment, coagulation or sedimentation of water or wastewater. Industrial sludge also includes grease interceptor waste generated from food processing within an industrial facility. (*s. NR 214.03(34), Wis. Adm. Code*)

Industrial Liquid Waste

Industrial liquid waste means process wastewater and waste liquid products, including silage leachate, whey, whey permeate, whey filtrate, contact cooling water, cooling or boiler water containing water treatment additives, and wash water generated in industrial, commercial and agricultural operations which result in a point source discharge to a land treatment system. (*s. NR 214.03(27), Wis. Adm. Code*)

Injection

Injection means the subsurface placement of septage to a depth of 4 to 12 inches. (*s. NR 113.03(30), Wis. Adm. Code*)

Note: For vector attraction reduction, injection shall not cause ponding.

Land Application or Landspreading

Land application or landspreading or land applied means the spraying or spreading of septage onto the land surface, the injection of septage below the land surface, or the incorporation of septage into the soil, so that the septage can either condition the soil or fertilize crops or vegetation grown in the soil. (*s. NR 113.03(31), Wis. Adm. Code*)

Log Book and Invoice Record Systems

Log book and invoice record system means a recording keeping system that utilizes log books, invoice records, or a combination of both. (*s. NR 113.03(33m), Wis. Adm. Code*)

Land Management Plan

Land management plan or “management plan” means a plan for optimizing land application of septage and demonstrating compliance with the requirements ch. NR 113, Wis. Adm. Code, and may include standard operating procedures for various processes or procedures. (*s. NR 113.03(31m), Wis. Adm. Code*)

Litter Free

Litter free means the absence of nonbiodegradable material such as plastics or glass of 2 inches or greater in length on the soil surface. (*s. NR 113.03(33), Wis. Adm. Code*)

Low Use Field

Low use field means a field that is department approved to receive 39,000 gallons or less of septage per acre per crop year. (*s. NR 113.03(34), Wis. Adm. Code*)

Manure

Manure means a material that consists primarily of excreta from livestock, poultry or other animals. (*s. NR 151.015(12), Wis. Adm. Code*)

Municipal Wastewater

Municipal wastewater means the mixture of domestic, process and other wastewater tributary to any given municipal sanitary sewage or treatment system. (*s. NR 205.03(19), Wis. Adm. Code*)

Parcel of Land

Parcel of land means property that is contiguous and under the same ownership interest. (*s. NR 113.03(36), Wis. Adm. Code*)

Note: If a farmer owns a parcel of land that is split or divided by a public or private road or a railroad, the land on the other side of the road will be considered part of the same parcel of land.

Pathogens

Pathogens means disease causing organisms. This includes, but is not limited to, certain bacteria, protozoa, viruses and viable helminth ova. (*s. NR 113.03(38), Wis. Adm. Code*)

pH

pH means the logarithm of the reciprocal of the hydrogen ion concentration measured at 25 degrees Centigrade or measured at another temperature and then converted to an equivalent value at 24 degrees Centigrade. (*s. NR 113.03(39m), Wis. Adm. Code*)

Permeability

Permeability means the rate of movement of liquid through the soil. (*s. NR 113.03(39), Wis. Adm. Code*)

Ponding

Ponding means the presence of free liquid over an area of 4 square feet or more, visible 2 hours after application of the septage. An example of a 4-square foot area would be an area 4 feet by 1 foot. (*s. NR 113.03(40), Wis. Adm. Code*)

Portable Restroom

Portable restroom means fixtures, incorporating holding tank facilities, designed to directly receive human excrement. Portable restrooms are self-contained units, may be designed for one or more person's use at a given time and are readily transportable. (*s. NR 113.03(41), Wis. Adm. Code*)

Publicly Owned Treatment Works

Publicly owned treatment works or POTWs means a treatment works which is owned by a municipality and any sewers that convey wastewater to such a treatment works. This definition includes any devices or systems used by a municipality in the storage, treatment, recycling, and reclamation of municipal sewage or liquid industrial wastes. The term also means the municipality or local unit of government that has jurisdiction over the indirect discharges to, and the discharges from, such a treatment works. (*s. NR 211.03(11), Wis. Adm. Code*)

Septage

Septage means the scum, liquid, sludge, or other waste in any of the following: septic tank, holding tank, dosing chamber, grease interceptor, seepage bed, seepage pit, seepage trench, distribution cell, or other component of private onsite wastewater treatment systems, privy, or portable restroom (*s. NR 113.03(55), Wis. Adm. Code*)

Septic Tank

Septic tank means a tank that receives and partially treats sewage through processes of sedimentation, oxidation, flotation and bacterial action so as to separate solids from the liquid in the sewage and discharges the liquid to a soil absorption system. (*s. NR 113.03(56), Wis. Adm. Code*)

Servicing

Servicing means removing the scum, liquid, sludge or other wastes from a private sewage system such as septic or holding tanks, dosing chambers, grease interceptors, seepage beds, seepage pits, seepage trenches, distribution cells, privies or portable restrooms and properly disposing or recycling of the contents as provided in ch. NR 113, Wis. Adm. Code. (*s. NR 113.03(57), Wis. Adm. Code*)

Sewage Sludge, Sludge, or Biosolids

Sewage sludge or sludge or biosolids means the solid, semi-solid or liquid residue generated during the treatment of domestic sewage in a treatment works. Sewage sludge includes scum or solids removed in primary, secondary or advanced wastewater treatment processes and material derived from sewage sludge. Sewage sludge does not include ash generated during the firing of a sewage sludge incinerator or grit and screenings generated during preliminary treatment of domestic sewage in a treatment works. (*s. NR 204.03(55), Wis. Adm. Code*)

Site

Site means property consisting of one or more fields used for the recycling, disposal or storage of septage. (*s. NR 113.03(58), Wis. Adm. Code*)

Site Evaluation

Site evaluation means an evaluation of land slope, topographic or other features, or other limiting characteristics. (*s. NR 113.03(61m), Wis. Adm. Code*)

Spill

Spill means the uncontrolled discharge, dumping, or leaking of any septage or any of its constituents that may be emitted into the air, be discharged into any waters of the state, or otherwise enter the environment. (*s. NR 113.03(65), Wis. Adm. Code*)

Surface Application

Surface application means spreading septage on the surface of the land without mixing the septage with the soil. (*s. NR 113.03(66), Wis. Adm. Code*)

Vector Attraction

Vector attraction means the characteristics of septage that attract rodents, flies, mosquitos or other organisms capable of transporting infectious agents. (*s. NR 113.03(69), Wis. Adm. Code*)

Wisconsin Sanitary License

Wisconsin sanitary license means a license to service private sewage systems, such as septic and holding tanks, dosing chambers, grease interceptors, seepage beds, seepage pits, seepage trenches, distribution cells, privies, or portable restrooms, issued by the department under s. 281.48 (3), Wis. Stats. (*s. NR 113.03(74), Wis. Adm. Code*)

Appendix B – Notice of Intent Form