

Permit Fact Sheet

1 General Information

Permit Number:	WI-0058581-05-0
Permittee Name:	Glacier Rock Enterprises, Inc.
Address:	8923 S Union Rd
City/State/Zip:	Newton WI 53063
Discharge Location:	W ½ of the NW ¼, Sec 32,T18N-R23E, Town of Newton, Manitowoc County
Receiving Water:	Groundwater of the Sevenmile and Silver Creeks Watershed (MA01) via land application
StreamFlow (Q _{7,10}):	NA
Stream Classification:	NA

2 Facility Description

Glacier Rock Enterprises, Inc. operates a septage storage facility that is currently owned by Troy and Gail Temme. The storage facility consists of an approved clay-lined, earthen lagoon to store and mix septage waste until soil and cropping conditions are favorable for disposal via land application to approved sites. The lagoon has approximately 1.3 acres of surface area (inner dimensions at the top of 240 ft x 240 ft, and outer dike dimensions at the top of 278 ft x 278 ft); and it has a maximum depth of 18 ft (inner dimensions at the bottom of 170 ft x 170 ft), three sides with a slope of ~ 2:1, one side with a ~ 4:1 slope, a capacity of approximately 5,894,000 gallons at an operating depth of 14 feet, and a capacity of approximately 6,800,000 gallons at an operating depth of 18 feet. The minimum freeboard requirement of one foot is maintained at all times in the lagoon. A propeller type agitator is used for mixing the contents of the lagoon. At this time, Maritime Liquid Waste Transport, LLC is the sole entity hauling septage waste (including septic tank, holding tank, and grease interceptor wastes) to the storage facility.

Some contents of the storage facility are pumped out and then applied onto nearby agricultural sites approved by the Department. Three of the approved sites have been reviewed and approved as high use fields under NR 113.09. High use fields require annual soil testing and the allowable annual application rate is based upon the nitrogen needs of the crop rotation of the fields. Required crop restrictions are followed and incorporation of the septage is performed within the required six hours (usually immediately) for pathogen control and vector attraction reduction.

Grease interceptor waste is not discharged to the storage facility. However, grease interceptor waste is discharged to the manure digester by Maritime Liquid Waste Transport, LLC located at Grotegut Dairy Farm, Inc, which is partially owned by Troy and Gail Temme. Grease interceptor waste is hauled to this digester due to its ability to generate electricity. Grotegut Dairy Farm, Inc. is regulated under its own WPDES permit administered by the Agricultural Runoff Management Program.

Sample Point Designation		
Sample Point Number	Discharge Flow, Units, and Averaging Period	Sample Point Location, WasteType/sample Contents and Treatment Description (as applicable)
901	8.4 million gallons (2010-2015) of septage waste removed from the lagoon and land applied to approved sites.	Septage: The following requirements of this permit apply when septage is stored in and removed from the septage storage facility for purposes of land application or disposal.

3 Septage Management - Proposed Monitoring and Limitations

Septage management is required in accordance ch. NR 113, Wisconsin Administrative Code. Records must be kept and made available to the Department on request. Required record keeping includes volumes of septage pumped, dates when the septage was removed, land application site DNR number and method used to satisfy pathogen and vector control, and/or the treatment plant where septage is disposed. Annual reporting is required when the permittee land applies the septage. Annual reporting is also required when the permittee disposes of septage at a designated treatment facility.

3.1 Sample Point Number:901- Septage

3.1.1 Changes from Previous Permit:

None

3.1.2 Explanation of Limits and Monitoring Requirements

Requirements for septage management are determined in accordance with ch. NR 113, Wis. Adm. Code.

4 Compliance Schedules

4.1 Management Plan

Required Action	Due Date
Management Plan: Submit a management plan to optimize the land application system performance and demonstrate compliance with Wisconsin Administrative Code NR 113	06/30/2017

4.2 Explanation of Compliance Schedules

The facility needs to update their land application management plan.

5 Special Reporting Requirements

None

6 Other Comments:

None

7 Attachments:

None

8 Proposed Expiration Date:

June 30, 2021

Prepared By:

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Date: [March, 8, 2016](#)

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