

Dells Boat Tours LLC Witches Gulch Public Noticed Permit Fact Sheet

General Information

Permit Number:	WI-0060682-10-0
Permittee Name:	Dells Boat Tours LLC (Witches Gulch), PO Box 630, 1890 Wisconsin Dells Parkway, Wisconsin Dells WI 53965
Discharge Location:	Dells Boat Tours LLC-Witches Gulch, River Rd., Section 21, Town of Dell Prairie SW 1/4 of the NW 1/4 of Section 21, Township 14 North, Range 6 East, Town of Dell Prairie, Adams County, WI
Receiving Water:	the groundwater of the Duck and Plainville Creeks Watershed of the Lower Wisconsin River Basin in Adams County
Discharge Type:	Existing, seasonal
Design Flow:	0.004 MGD Annual Average
Significant Industrial Loading?	N/A
Operator at Proper Grade?	Yes
Approved Pretreatment Program?	N/A

Facility Description

Dells Boat Tours LLC owns and operates the Dells Boat Witches Gulch facility for treatment of domestic wastewater from the restrooms at the tour boat landing on the Wisconsin River in the Dells. The annual average design flow of the facility is 0.004 million gallons per day (MGD). The actual annual average flow in 2023 was 0.002 MGD. The treatment system consists of two septic tanks, a lift station and a sand filter. Sludge collects in the primary septic tank and is removed by a licensed hauler at the end of the season and is either land applied on sites approved for the septage hauler or brought to a wastewater treatment plant. The treated wastewater from the secondary septic tank is pumped to the sand filter, after which it seeps into the ground within 20 feet of discharge. No major operational changes occurred during the last permit term. No monitoring or limitation changes are in this permit term.

Substantial Compliance Determination

Enforcement During Last Permit: No enforcement during the last permit term.

After a desktop review of all discharge monitoring reports, compliance schedule items, and a site visit on 5/31/2024, The permittee has been found to be in substantial compliance with their current WPDES permit.

Compliance determination entered by Tanner Connors on 05/31/2024.

Sample Point Designation		
Sample Point Number	Discharge Flow, Units, and Averaging Period	Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)
701	0.002 MGD (2023)	Representative samples for BOD5 & TSS shall be collected at the lift station. Flow shall be measured at the discharge from the septic tanks.
001	No effluent flow monitoring	Representative effluent samples shall be collected at the discharge end of the sand filter.
990	N/A	Solids from septic tank

1 Influent – Monitoring Requirements

Sample Point Number: 701- INFLUENT @ LIFT STATION

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Flow Rate		MGD	Daily	Continuous	
BOD5, Total		mg/L	2/Month	Grab	
Suspended Solids, Total		mg/L	2/Month	Grab	

Changes from Previous Permit:

None

Explanation of Limits and Monitoring Requirements

Monitoring of influent flow, BOD5 and total suspended solids is required by s. NR 210.04(2), Wis. Adm. Code, to assess wastewater strengths and volumes and to demonstrate the percent removal requirements in s. NR 210.05, Wis. Adm. Code, and in the Standard Requirements section of the permit.

2 Land Treatment – Monitoring and Limitations

Sample Point Number: 001- SAND FILTER EFFLUENT

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
BOD5, Total	Monthly Avg	50 mg/L	2/Month	Grab	
Solids, Total Dissolved		mg/L	Monthly	Grab	
Nitrogen, Total Kjeldahl		mg/L	Monthly	Grab	
Nitrogen, Organic Total		mg/L	Monthly	Calculated	
Nitrogen, Ammonia (NH3-N) Total		mg/L	Monthly	Grab	
Nitrogen, Nitrite + Nitrate Total		mg/L	Monthly	Grab	
Nitrogen, Total		mg/L	Monthly	Calculated	
Chloride		mg/L	Monthly	Grab	

Changes from Previous Permit:

None

Explanation of Limits and Monitoring Requirements

Requirements for land treatment of municipal wastewater are determined in accordance with ch. NR 206 Wis. Adm. Code.

3 Septage Management - 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.

Sample Point Number: 990- SEPTIC TANK

Changes from Previous Permit:

None

Explanation of Limits and Monitoring Requirements

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

Special Reporting Requirements

N/A

Other Comments:

Publishing Newspaper: Wisconsin Dells Events, 716 Elm St., Wisconsin Dells, WI 53965-1520

Attachments:

None

Expiration Date:

September 30, 2029

Justification Of Any Waivers From Permit Application Requirements

N/A

Prepared By: Holly Heldstab, Wastewater Specialist

Date: July 12, 2024