

SEPTIC CHECK

EXPERT SERVICE. LASTING VALUE. CLEAN WATER

INDIVIDUAL SEWAGE SYSTEM DESIGN SUMMARY

Property Owner: Don Krieger Phone: 612-709-0469
Address: 20767 508th Lane PID: 29-0-017723
City: McGregor Zip: 55760 County: Aitkin County

DESIGN USAGE

Single Family Home Other
Number of Potential Bedrooms 3
Garbage Disposal None
Sewage Lift Pump None

SITE CHARACTERISTICS

Soil type Sand
Hydraulic Loading 1.2 gpd/ft²
Depth to restrictive layer 30"

PUMP INFORMATION

Pump GPM & TDH 30 GPM & 17.7 TDH
Cycles per day 6 Doses
Gallons per cycle 63 Gallons
Perforation size & spacing 1/4" Perfs every 3'
Number, spacing, &
diameter of laterals 4 - 1 1/2" Laterals every 3'
Forcemain Size 2"

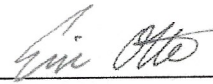
CAPACITIES

Daily Water Use Est 450 Calc gpd
1514 Gallons (2 - 757 gal
Septic Tank Capacity compartments of 2250 Triple)
Pump Tank Capacity 757 gallons (3rd compartment)

BELOW GRADE SYSTEM

Type of
Drainfield Pressure Bed
Maximum Depth of Bed 18"
Square Feet of bed Required 375 ft²
Square Feet of bed Proposed 375 ft²
Dimensions of bed Proposed 12' x 30'

APPROVAL

By  Date 6/13/24
Eric Otte License #2624

See additional information sheet if checked

APPROVED FOR PERMITTING
7/2/2024 Tom Cap

Monitoring Protocol

Any sampling and laboratory testing procedures shall be performed in accordance with the proprietary treatment product's protocol, Standard Methods, and at a Minnesota Department of Health approved laboratory. Results shall be submitted to the permitting authority at: Aitkin County Environmental Services, 307 2nd St NW, Room 219, Aitkin, MN 56431 no later than the expiration date listed.

Contingency Plan

In the event the wastewater treatment system does not meet the required performance requirements as contained in this operating permit, the owner shall notify Aitkin County Environmental Services within thirty (30) days of receiving non-compliant information. The owner is responsible for obtaining the services of a Minnesota Pollution Control Agency (MPCA) licensed Service Provider or other qualified practitioner to complete the required corrective measures.

Authorization

Aitkin County Environmental Services authorizes the Permittee to operate a wastewater treatment and dispersal system at the address named above in accordance with the requirements of this operating permit, attached Management Plan and contract with the Service Provider/Inspector.

This permit is effective on the issuance date identified above. This permit and the authorization to treat and disperse wastewater shall expire on the expiration date identified above. The Permittee is not authorized to discharge after the above date of expiration. The Permittee shall submit monitoring information on forms as required by Aitkin County Environmental Services no later than thirty (30) days prior to the above date of expiration for operating permit renewal. This permit is not transferable.

The owner is required to obtain the services of a Minnesota Pollution Control Agency (MPCA) licensed and trained: 1) Service Provider or Inspector to provide ongoing system operation, maintenance, and monitoring and 2) Maintainer to pump the system's sewage tanks and components. The owner is responsible for providing the name of the Service Provider or Inspector business prior to the issuance of this operating permit. The owner has secured the services of _____ as the Service Provider or Inspector for this system. The Service Provider or Inspector is hereby authorized to provide the required monitoring data and routine maintenance service records to both Aitkin County Environmental Services.

[For systems that generate high strength wastewater, the following items should be added to the operating permit: "If there is a change of use within the facility (i.e., change in menu, increase in food capacity, change in water use fixtures, etc.), the permittee is required to notify Aitkin County Environmental Services and the Service Provider before any changes occurs. Changes to the facility that could potentially impact performance of the wastewater treatment and dispersal system shall not take place until appropriate evaluation has been completed."]

I hereby certify with my signature as Permittee that I understand the provisions of the wastewater treatment and dispersal system operating permit including maintenance and monitoring requirements. I agree to indemnify and hold Aitkin County harmless from all loss, damages, costs, and charges that may be incurred using this system. If I fail to comply with the provisions of this operation permit, I understand that penalties may be issued. If I sell this property during the life of the permit, I will inform the new owner(s) of the permit requirements and the need to renew the operating permit.

The Operating Permit is hereby granted to: _____

Permittee

(please print):

Donald Krieger

Title:

owner

Date:

6/19/24

Permitting Authority

(please print):

AITKIN COUNTY

Title:

CONTRACT INSPECTOR

Date:

7/2/2024

Permittee

Signature:

DK Krieger

Permitting

Authority

Signature:

Tom Ep

County Representative Signature