LINCOLN COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH
WASTEWATER TREATMENT AND DISPOSAL SYSTEM PERMIT

Issue Date: 06/02/2025 Expiration Date: 06/01/2026 Permit#25-10201

Property Owner: Ashley Kierwall

Mailing Address: [redacted]

Installer: Cory Burk License #: 213

Approved Work: (Check One) ☒ New Installation ☐ Existing System

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new gravity system for 2 Bedroom House.

Legal: S14, T33 N, R26 W, COS 1389, PARCEL A, ACRES 44.268

Property Address: 501 Sunday Mountain Rd., Trego, MT 59934 Assessment Code: 10201

DEQ COSA: E.Q.# Date:

Approved Design Criteria: Installation of new gravity system for 2 Bedroom House with 3 Laterals @84' with reduction for chambers.

# of Bedrooms: 2 Septic Tank Size: 1000 Trench Width: 24"

# of Laterals: 3 Length of Laterals: 84' Trench Depth: 24"-36"

SYSTEM MUST INCLUDE INSTALLATION OF EFFLUENT FILTER AT SEPTIC TANK OUTLET!!

Special Instructions: Install system according to the lot layout, the Lincoln County Wastewater Treatment and Disposal Regulation, Circular DEQ-4, and COSA(If Applies). Reduction given for chambers. It is the installer's responsibility to ensure that all required horizontal setbacks are met. CHANGES MUST BE PRE-AUTHORIZED BY THE DEPARTMENT.

Issued By: *Robin Blumberg, RS*

NOTICE: The Department must be notified at least 3 business days (72 hours) prior to backfilling the system. Call 406-283-2442. Any system not inspected by the Department or its designated representative prior to closure is an illegal installation in violation of Lincoln County Health Board Regulation Ch. 3. Illegal installations may result in fines and/or requirements to remove or reconstruct the system.

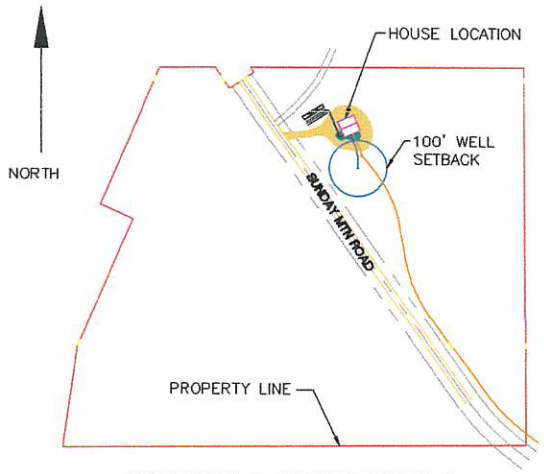
Closure Statement:

This system is in compliance with the approved design criteria and Lincoln County's Wastewater Treatment and Disposal Regulation.

Signed: Robin Blumberg *Date:* 7/8/25

This permit is not finalized until the system is inspected and the closure statement is signed.

This permit is not a guarantee that the system will function properly for a prescribed period of time.



KIERWALL VICINITY MAP



8 FT SOIL PROFILE HOLE



8 FT SOIL PROFILE HOLE



SPOILS PILE

KIERWALL SITE LAYOUT

REV	DESCRIPTION	BY/DATE	APRD/DATE

DRAINFIELD SIZING

(2) BEDROOM= 225 GPD
225 GPD/0.4 APP= 563 SQFT
563 SQ FT/2' CHAMBERS= 282 LF
REDUCTION FOR 0.4 APP= 10%
282' X 0.9= 254 LF
254 LF= (3) 84' LATERALS

TEST HOLE INFO:

0"-6"= TOP SOIL/DUFF 1% ROCK
0"-24"= ROOT DEPTH 1%-5% ROCK
24"-54"= LOOSER SILTY LOAM, 5% ROCK
54"-96"= FIRM SILTY LOAM, 15% ROCK
TEST HOLE WAS EASY TO DIG TO THE 54" DEPTH
VERY FIRM WITH SMALL AND LARGE ROCK TO 96"
0.4 APP RATE WAS DETERMINED

LOT 45

0.505 ACRES
20 PINE CONE LANE, REXFORD, MT 59930
S15, T36N, R28W, PINE BAY NO 2
ASSESSMENT #0000005564
GEO 56-4822-15-1-07-04-0000

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REV	DATE	COMPANY	SCALE:	ADDRESS	TITLE
		MDS	1/16 & NOTED		MONTANA DESIGN SERVICES, INC. KIERWALL SEPTIC
		CONTRACT: VERBAL	DATE: 4/2025	DWG TOLERANCES:	SITE LAYOUT
		PLOT FILE: PML-0001	WEIGHT:	FINISH	CONSTRUCTION 5/5/25
					C. BURK 5/20/25
					JOB NO. 419-001 SHEET NO. 1