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

Issue Date: 09/18/2025 Expiration Date: 09/17/2026 Permit# 25-738

Property Owner: Eric Fenrich

Mailing Address: [redacted]

Installer: Bobbie-Jo Sprague License #: 182

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

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

Legal: WHISPERING PINES KOOCANUSA 1, S06, T34 N, R26 W, LOT 7, ACRES 5.4, PM 2012

Property Address: 180 Koocanusa Trail, Fortine, MT 59918 Assessment Code: 738

DEQ COSA: EQ# Date:

Approved Design Criteria: Installation of new gravity system for 2 Bedroom House with 3 Laterals @ 64' with reduction for chambers.

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

# of Laterals: 3 Length of Laterals: 64' 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:* 9/25/25

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

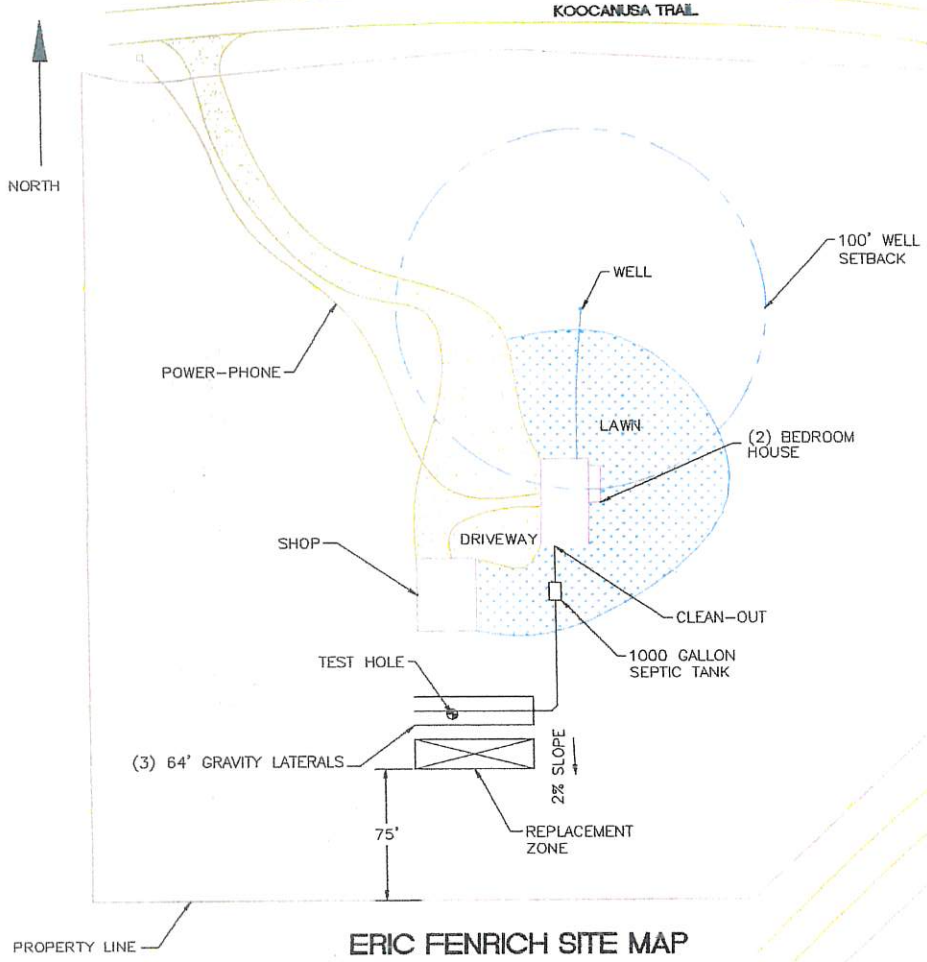
This permit is not a guarantee that the system will function properly for a prescribed period of time.

LOT 7

5.4 ACRES
180 KOOCANUSA TRAIL, FORTINE, MT 59918
S06, T34N, R28W, WHISPERING PINES KOOCANUSA 1
ASSESSMENT #0000000738
GEO 56-4812-06-1-07-02-0000

DRAINFIELD SIZING

(2) BEDROOM= 225 GPD
225 GPD/0.5 APP= 450 SQFT
450 SQ FT/2' CHAMBERS= 225 LF
REDUCTION FOR 0.5 APP= 15%
225 X 0.85= 191.25 LF
192 LF= (3) 64' LATERALS



ERIC FENRICH SITE MAP

STANDING WATER WAS FROM HEAVY RAIN OVER THE WEEKEND

BUCKSKIN DRIVE



8' TEST HOLE



TEST HOLE

TEST HOLE INFO: DUG 7-8-25

0"-8"= TOP SOIL
0"-12"= ROOT DEPTH
8"-78"= LOOSER SILTY LOAM, 1% SMALL ROCK
78"-99"= LOOSE SILTY LOAM, 30% 1" TO 6" ROCK



SPOILS PILE

TEST HOLE WAS EASY TO DIG TO THE 78" DEPTH
STILL EASY TO DIG TO 99" WITH MORE ROCK
0.5 APP RATE WAS DETERMINED. THERE ARE TWO LOCATIONS BY THIS FOR SCHEILE AND RIVERS THAT WERE SIMILAR IN NATURE AT A 0.5 APP RATE ALSO

THIS DRAWING IS PROPERTY OF MDS, INTL. CONTRACT AND SHALL REMAIN WITH MDS IF CAN NOT BE REPRODUCED TO ANY OTHER PARTIES WITHOUT WRITTEN APPROVAL FROM MDS REPRESENTATIVE

REV.	DATE	COMPANY	SCALE	MONTANA DESIGN SERVICES, INC.
		MDS	1/16 = 1'-0"	FENRICH SEPTIC
		DRAWN BY:	DATE:	SITE LAYOUT
		KENDAL	9/2025	
		PLOT FILE:	SCALE:	5/11/25
		PHIL-0001	----	5/12/25
				420-001