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

Issue Date: 04/01/2025 Expiration Date: 03/31/2026 Permit# 25-604

Property Owner: Kevin Schiele

Mailing Address: [redacted]

Installer: Homeowner License #:

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new gravity system for 3 Bedroom House.

Legal: WHISPERING PINES KOOCANUSA 1, S06, T34 N, R26 W, ACRES 5.5, LOT 13

Property Address: Lot 13 Koocanusa Trail, Fortine, MT 59918 Assessment Code: 604

DEQ COSA: EQ# Date:

Approved Design Criteria: Installation of new gravity system for 3 Bedroom house with 3 Laterals @ 85' with reduction for chambers.

# of Bedrooms: 3 Septic Tank Size: 1000 gallons Trench Width: 24"

# of Laterals: 3 Length of Laterals: 85' 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.

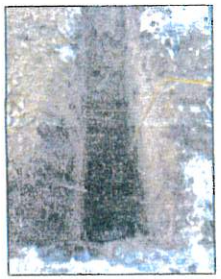
Signed: Robin Blumberg Date: 10/1/25

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.



8' TEST HOLE



TEST HOLE



SPOILS PILE

TEST HOLE WAS EASY TO DIG TO THE 59" DEPTH
STILL EASY TO DIG TO 100" WITH MORE ROCK
0.5 APP RATE WAS DETERMINED. I DID THE SHIRLEY RIVERS
PERMIT LAST FALL THAT IS DIRECTLY ACROSS THE STREAM FROM HERE
AT A 0.5 APP RATE ALSO

DRAINFIELD SIZING

(3) BEDROOM= 300 GPD
300 GPD/0.5 APP= 600 SQFT
600 SQ FT/2' CHAMBERS= 300 LF
REDUCTION FOR 0.5 APP= 15%
300' X 0.85= (3)-84' LATERALS

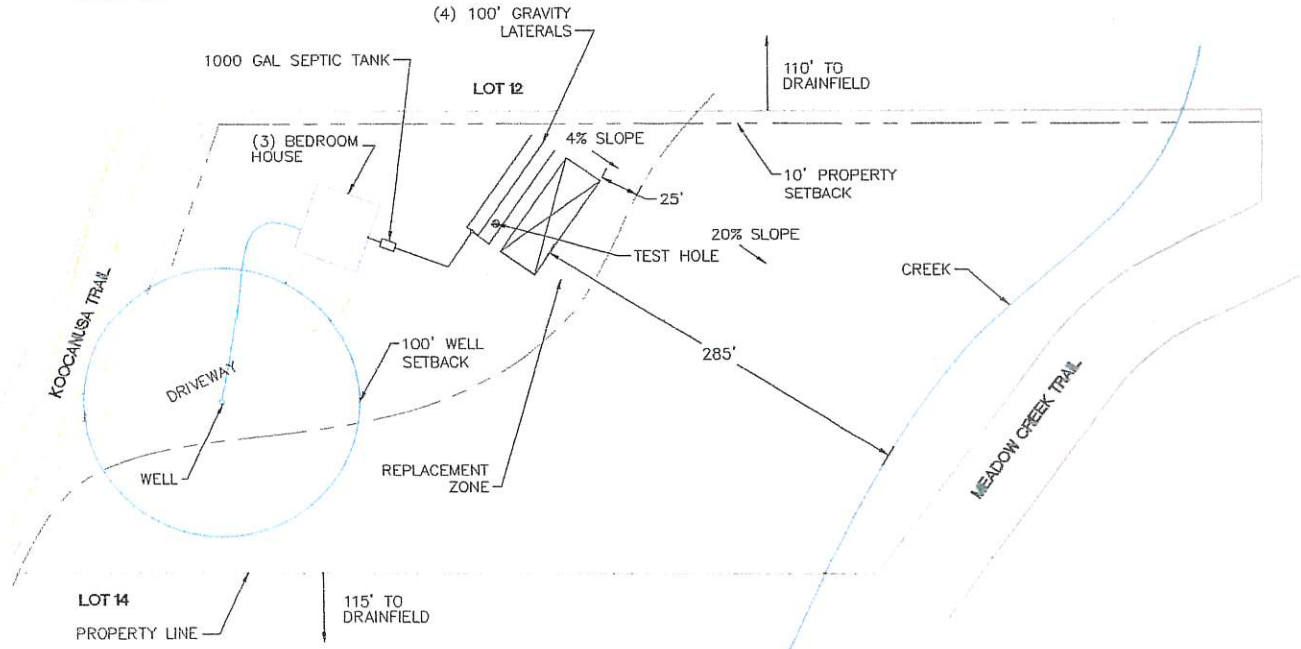
TEST HOLE INFO:

0"-8"= TOP SOIL
0"-24"= ROOT DEPTH
24"-59"= LOOSER SILTY LOAM, SMALL ROCK
59"-100"= LOOSE SILTY LOAM, MORE ROCK

NORTH

LOT 13

5.5 ACRES
LOT 13 KOOCANUSA TRAIL, FORTINE, MT 59918
S06, T34N, R26W, WHISPERING PINES KOOCANUSA 1
ASSESSMENT #0000000604
GEO 56-4612-06-1-07-09-0000



SCHIELE LOT #13 SITE LAYOUT

	MDS	1/15 & 30/25		MONTANA DESIGN SERVICES, INC. SCHIELE SEPTIC	
	CONTRACT: VERBAL	DATE: 12/2024		SITE LAYOUT	
	PLOT FILE: PML-0001	HEIGHT:		DRAWN: 1/2/25	
				CHECKED: K. SCHIELE	1/31/25
				373-001	1

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