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

Issue Date: 06/15/2026 Expiration Date: 06/14/2027 Permit#26-60064

Property Owner: Kirk Douglas

Mailing Address: [redacted]

Installer: Dale Schmidt License #: 217

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new gravity system for 4 Bedroom House with bathroom only in shop.

Legal: S27, T37 N, R27 W, COS 5045, PARCEL C-2, ACRES 5.03, E2S2W2SW4SE4

Property Address: 411 Douglas Dr., Eureka, MT 59917 Assessment Code: 60064

DEQ COSA: E.Q.# Date:

Approved Design Criteria: Installation of new gravity system for 4 Bedroom House with bathroom in shop only with 3 Laterals @ 64' with reduction for chambers.

# of Bedrooms: 4+Bath in shop only Septic Tank Size: 1500 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.

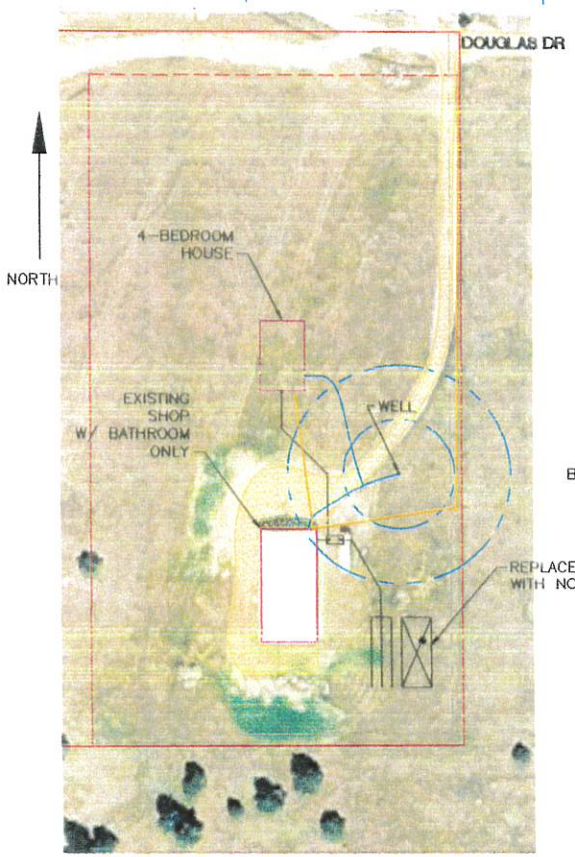
Closure Statement:

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

Signed: Robin Blumberg *Date:* 8/20/26

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

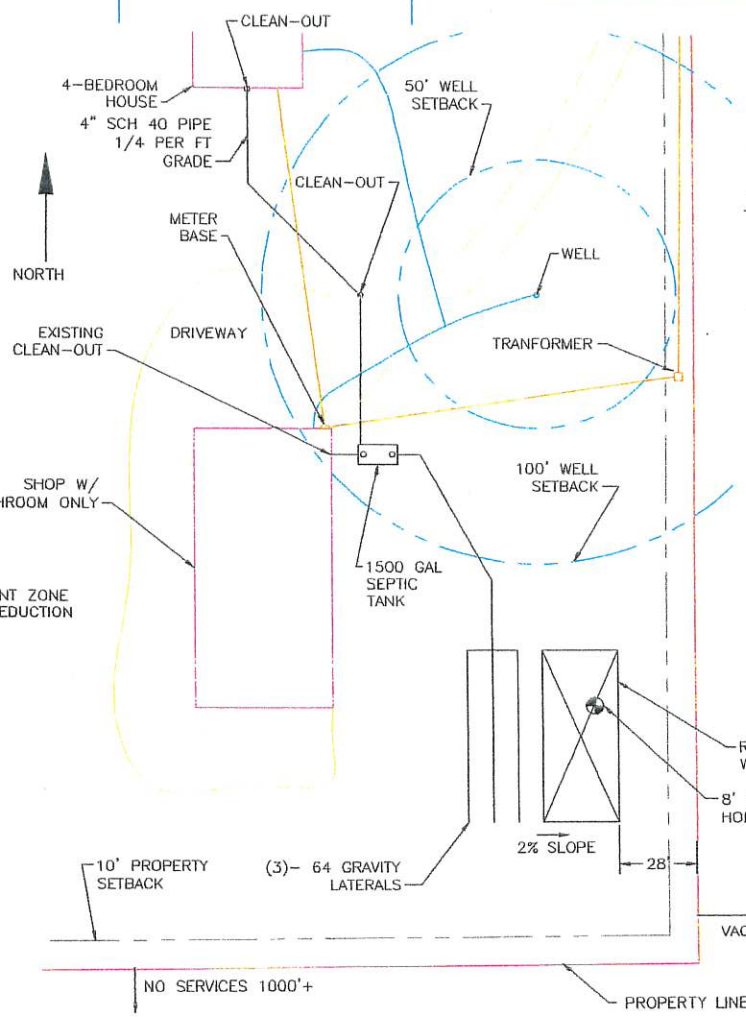
This permit is not a guarantee that the system will function properly for a prescribed period of time.



KIRK DOUGLAS SITE LAYOUT

PARCEL C-2

5.03 ACRES
411 DOUGLAS DRIVE, EUREKA, MT 59917
S27, T37N, R27W, COS 5045
ASSESSMENT #0000060064
GEO 56-4928-27-4-03-40-0000



SYSTEM LAYOUT

DRAINFIELD SIZING

(5) BEDROOM= 400 GPD
400 GPD/0.8 APP= 500 SQFT
500 SQ FT/2' CHAMBERS= 250 LF
REDUCTION FOR 0.8 APP= 25%
250' X 0.75= 188 LF
188 LF= (3) 64' LONG LATERALS

TEST HOLE INFO (DUG 5-19-26)

0"-8"= TOP SOIL- SANDY TOP SOIL
0"-16"= ROOT DEPTH, SAND/SILT
8"-48"= SAND/GRAVEL, 50% 1"-3" ROCK
48"-104"= SAND/GRAVEL, 70% 1"-8" ROCK

TEST HOLE IS PRIMARILY LOOSE SAND/GRAVEL.
CLASSIC 0.8 APP RATE MATERIAL


SOIL PROFILE HOLE


104" DEPTH


SPOILS PILE

REV	DATE	DRAWN BY	SCALE	MONTANA DESIGN SERVICES, INC. DOUGLAS SEPTIC
		MDS	1/16 = 1'-0"	SITE LAYOUT
		CHECKED	DATE:	5/27/26
		VERSION	4/2026	5/27/26
		PLOT FILE:	WEIGHT	
		PML-0001		516-001

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