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

Issue Date: 06/12/2025 Expiration Date: 06/11/2026 Permit#25-9804

Property Owner: Neil Darling

Mailing Address: [redacted]

Installer: Elmer Brenneman License #: 170

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new gravity system for 4 Bedroom House.

Legal: BUSCIGLIO'S S17, T37 N, R26 W, LOT 1 IN NESW, ACRES 20.88, PM 5032

Property Address: 305 Caribou Trail., Eureka, MT 59917 Assessment Code: 9804

DEQ COSA: E.Q.# Date:

Approved Design Criteria: Installation of new gravity system for 4 Bedroom House with 4 Laterals @ 100' with reduction for chambers.

# of Bedrooms: 4 Septic Tank Size: 1500 Trench Width: 24"

# of Laterals: 4 Length of Laterals: 100' 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:* 6/19/25

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.



DARLING SITE LAYOUT

LOT 1

20.88 ACRES
305 CARIBOU TRL, EUREKA, MT 59917
S17, T37N, R26W, BUSCIGLIO'S, PM 5032
ASSESSMENT #0000009804
GEO 56-4829-17-1-01-09-0000

DRAINFIELD SIZING

(4) BEDROOM= 350 GPD
350 GPD/0.4 APP= 875 SQFT
875 SQ FT/2' CHAMBERS= 438 LF
REDUCTION FOR 0.4 APP= 10%
438' X 0.90= (4)-100' LATERALS

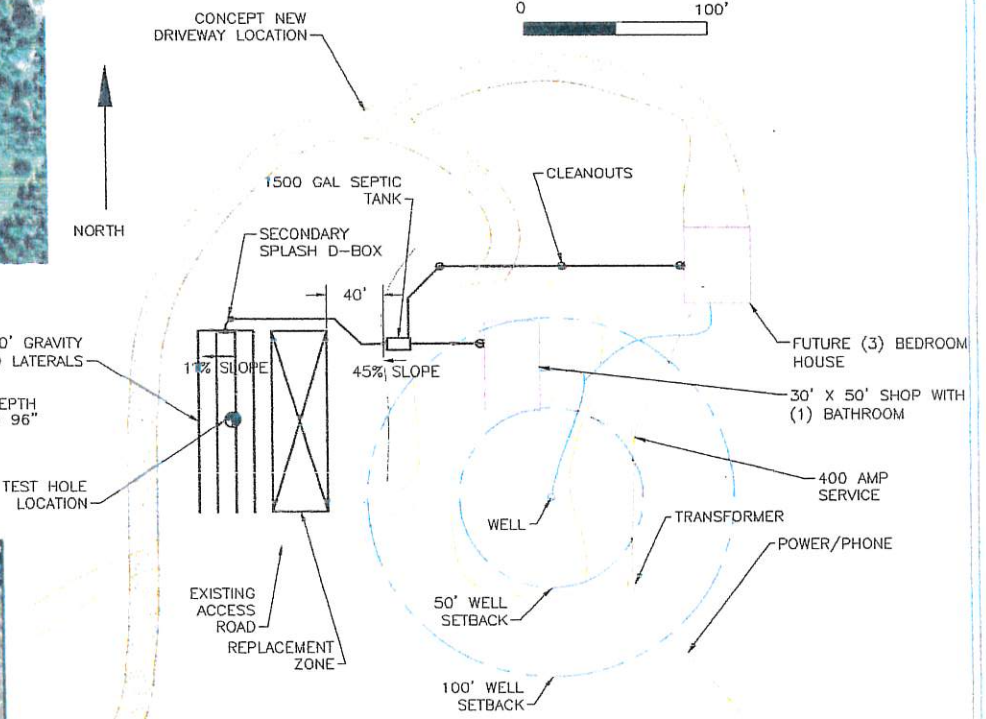
TEST HOLE INFO:

0"-18"= TOP SOIL
0"-26"= ROOT DEPTH
26"-48"= LOOSER SILTY LOAM, 5% SMALL ROCK
48"-76"= FIRM SILTY LOAM, 10% LARGER ROCK
76"-96"= FIRM SILTY LOAM, 15% LARGER ROCK

TEST HOLE WAS EASY TO DIG TO THE 42" DEPTH
VERY FIRM WITH SMALL AND LARGE ROCK TO 96"
0.4 APP RATE WAS DETERMINED



DARLING SOIL PROFILE HOLE INFO



DARLING SITE LAYOUT

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DARLING SEPTIC
SITE LAYOUT
5/22/25
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