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

Issue Date: 06/09/2026 Expiration Date: 06/08/2027 Permit# 26-12958

Property Owner: Brian Smith

Mailing Address: [redacted]

Installer: Sean McNamara License #: 221

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

☒ Replace Drainfield ☐ Replace Tank ☐ Extension

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

Legal: S21, T36 N, R26 W, ACRES 20, E2SESW

Property Address: 1537 Pomeroy Trail, Eureka, MT 59917 Assessment Code: 12958

DEQ COSA: E.Q.# Date:

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

# of Bedrooms: 3 Septic Tank Size: 1000 gallons Trench Depth: 24"-36"

# of Laterals: 4 Length of Laterals: 64' Trench Width: 24"

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

Special Instructions: Install system according to the COSA, lot layout, the Lincoln County Wastewater Treatment and Disposal Regulation, and Circular DEQ-4. 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:* 6/28/26

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.



BRIAN SMITH SITE MAP


TEST HOLE

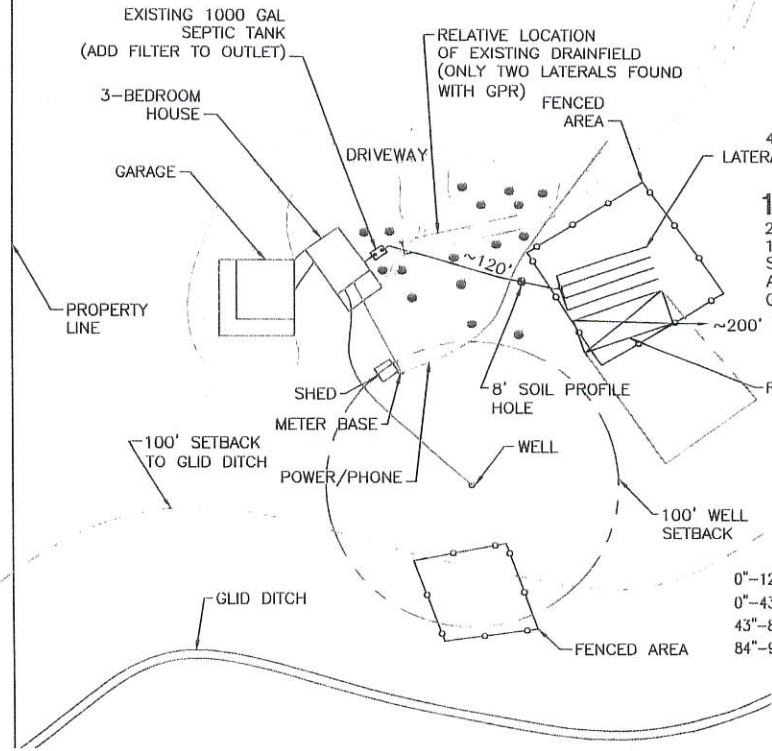

8' TEST HOLE


BOTTOM SECTION SPOILS

REV	DESCRIPTION	BY/DATE	APRD/DATE

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 LF X 0.85= 255 LF
255 LF= (4) 64' LATERALS



1537 POMEROY TRL

20.0 ACRES
1537 POMEROY TRL, EUREKA, MT 59917
S21, T36N, R26W, E2SESW
ASSESSMENT #0000012958
GEO 56-4824-21-1-03-44-0000

TEST HOLE INFO: (DUG 4-28-26)

0"-12"= TOP SOIL, 15% ROCK, 1"-4"
0"-43"= ROOT DEPTH, SILTY LOAM, 25% ROCK, 1"-10"
43"-84"= LOOSE SILTY LOAM-ROCK, 25% ROCK, 1"-12"
84"-96"= SILTY LOAM-ROCK, 20% ROCK, 1"-16"

A NEIGHBORING PROPERTY HAD A 0.7 APP RATE PER THEIR COSA. THIS PROPERTY HAS A LITTLE TIGHTER SOILS AND MORE SILTY LOAM. 0.5 APP RATE DETERMINED AND SET

SMITH SYSTEM LAYOUT

THIS DRAWING IS PROPERTY OF MDS UNTIL CONTRACT HAS BEEN RELEASED BETWEEN OWNER & MDS IT CAN NOT BE SUBMITTED TO ANY OTHER PARTIES WITHOUT WRITTEN APPROVAL FROM MDS MANAGEMENT

REV	DATE	COMPANY	SCALE:	MONTANA DESIGN SERVICES, INC.
		MDS	1/16 = NOTED	SMITH SEPTIC
		CONTRACT:	DATE:	SITE LAYOUT
		VERBAL	4/2026	SCREENWRITER: 4/28/26
		PLOT FILE:	WEIGHT	D. SMITH 4/XX/26
		PWL-0001		511-001 1

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