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

Issue Date: 9/28/2026 Expiration Date: 9/27/2027 Permit# 26-11261

Property Owner: Katie Schreiber

Mailing Address: [redacted]

Installer: Sean McNamara License #: 221

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of elevated sand mound system for 1 Bedroom House.

Parcel Description:

Legal: BORDERTOWN 3, S01, T37 N, R27 W, LOT 1, ACRES 6, CS 4359

Property Address: 458 Borderview Dr., Eureka, MT 59917 Assessment Code: 11261

DEQ COSA: EQ#27-86-S22-560 Bordertown One Date: 12/5/85

Approved Design Criteria: Installation of elevated sand mound system for 1 Bedroom House.

# of Bedrooms: 1 Septic Tank Size:1000/500 ESM: 34' X 13'

# of Laterals: 3 Length of Laterals: 30'

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. 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, R.S.*

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.

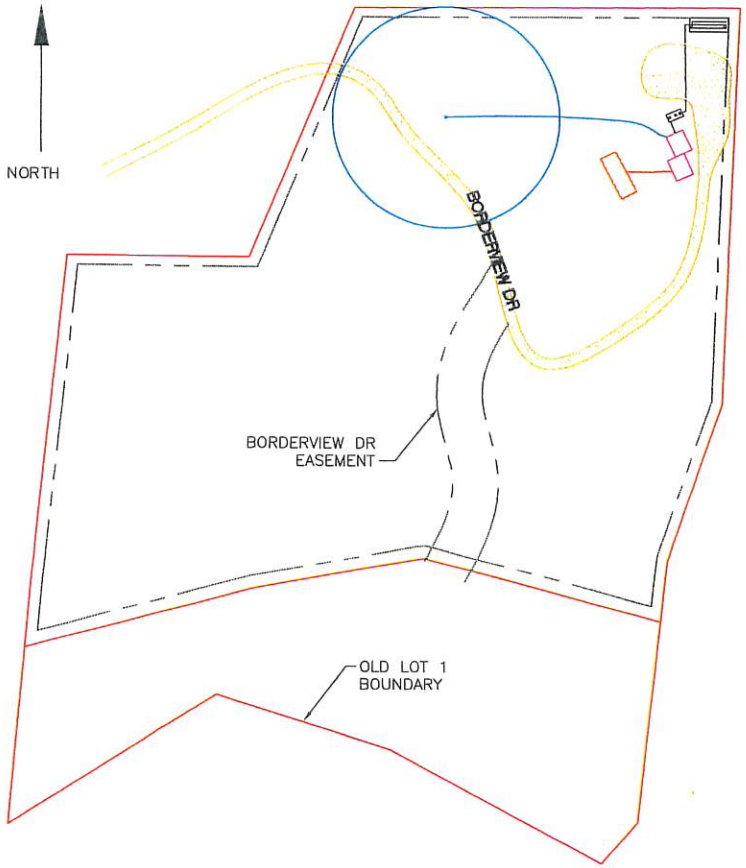
Closure Statement:

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

Signed: _____ *Date:* _____

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.



KATIE SCHREIBER SITE LAYOUT

DOSE VOLUME CHECK

LENGTH OF 2" PIPE= 80FT
LENGTH OF 1-1/2" PIPE= 900FT
80FT X 0.1632 GAL/FT= 13 GAL
90FT X 0.0918 GAL/FT= 8 GAL
TOTAL DISTRIBUTION LINE= 21 GAL
DEQ CIRC #4= 5 TO 10 TIMES VOLUME
21 GAL X 5= 105 GAL DOSE
DISTANCE BETWEEN FLOATS= 11"
IN A 500 GAL DOSE CHAMBER= 108 GAL

COSA APP RATE

(1) BEDROOM= 150 GPD
150 GPD/XX APP= 275 SQFT
XX APP=150/275= 0.54



SPOILS PILE



TEST HOLE #1



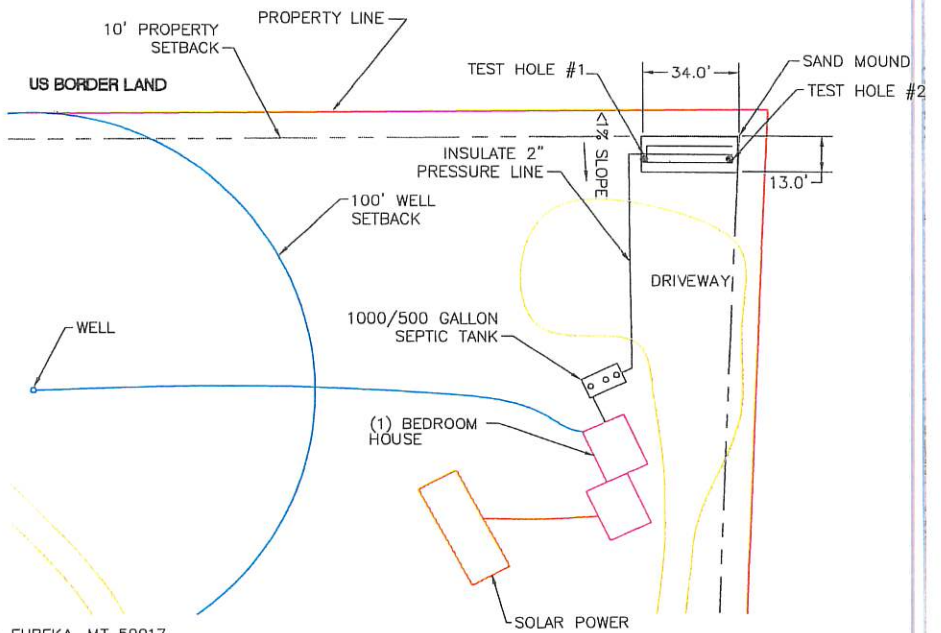
TEST HOLE #2

BOTH HOLES DID NOT HIT SOLID ROCK

TEST HOLE INFO: (DUG 6-5-26)

0"-6"= TOP SOIL/DUFF, 10% ROCK, 1"-4"
0"-28"= ROOT DEPTH, SILTY LOAM, 25% ROCK, 1"-4"
28"-46"/52"= LOOSE SILTY LOAM-SAND, 15% ROCK, 1"-6"

COSA HAS APP RATE AT 0.54 BECAUSE OF ROCK/CLIFFS IN AREA, A SAND MOUND IS THE ONLY THING I CAN GET TO FIT



SCHREIBER SYSTEM LAYOUT

LOT 1A

6.0 ACRES
458 BORDERVIEW DR, EUREKA, MT 59917
S01, T37N, R27W, BORDERTOWN 3
ASSESSMENT #0000011261
GEO 56-4928-01-1-01-07-0000
COSA 27-86-S22-560, DATED 12-1985

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

REV	DATE	COMPANY	SCALE	ENGINEER / DESIGNER	MONTANA DESIGN SERVICES, INC. SCHREIBER SEPTIC
		MDS	1/16 & NOTED	SERVICES, INC. 406-890-4125	TITLE: SITE LAYOUT
		CONTRACT: VERBAL	DATE: 4-2026	DWG TOLERANCE: .x ±0.1" .xx ±0.05" .xxx ±0.010"	SCHEMATIC 5/13/26
		PLOT FILE: FML-0001	WEIGHT: ---	FINISH:	S. MONTANA 6/26/26
					JOB NO. 503-001 SHEET 1