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

Issue Date: 07/08/2026 Expiration Date: 07/07/2027 Permit# 26-13906

Property Owner: Brett Waldroff

Mailing Address: [redacted]

Installer: Sean McNamara License #: 221

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

☒ Replace Drainfield ☒ Replace Tank ☐ Extension

Describe: Installation of pressure dosed system for 4 Bedroom House replacing system for 2 Bedroom House.

Parcel Description:

Legal: GRIFFITH VIEW, S21, T36 N, R26 W, LOT 2, ACRES 9.936

Property Address: 1800 Pomeroy Trail, Eureka, MT 59917 Assessment Code: 13906

DEQ COSA: EQ#27-94-S61-951 RLL Lot 2 Date: 7/8/2026

Approved Design Criteria: Installation of pressure dosed system for 4 Bedroom House replacing system for 2 Bedroom House with 4 Laterals @ 48' with reduction for chambers.

# of Bedrooms: 4 Septic Tank Size: 1500/500 gallons Trench Width: 36"

# of Laterals: 4 Length of Laterals: 48' Trench Depth: 36"

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, 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.

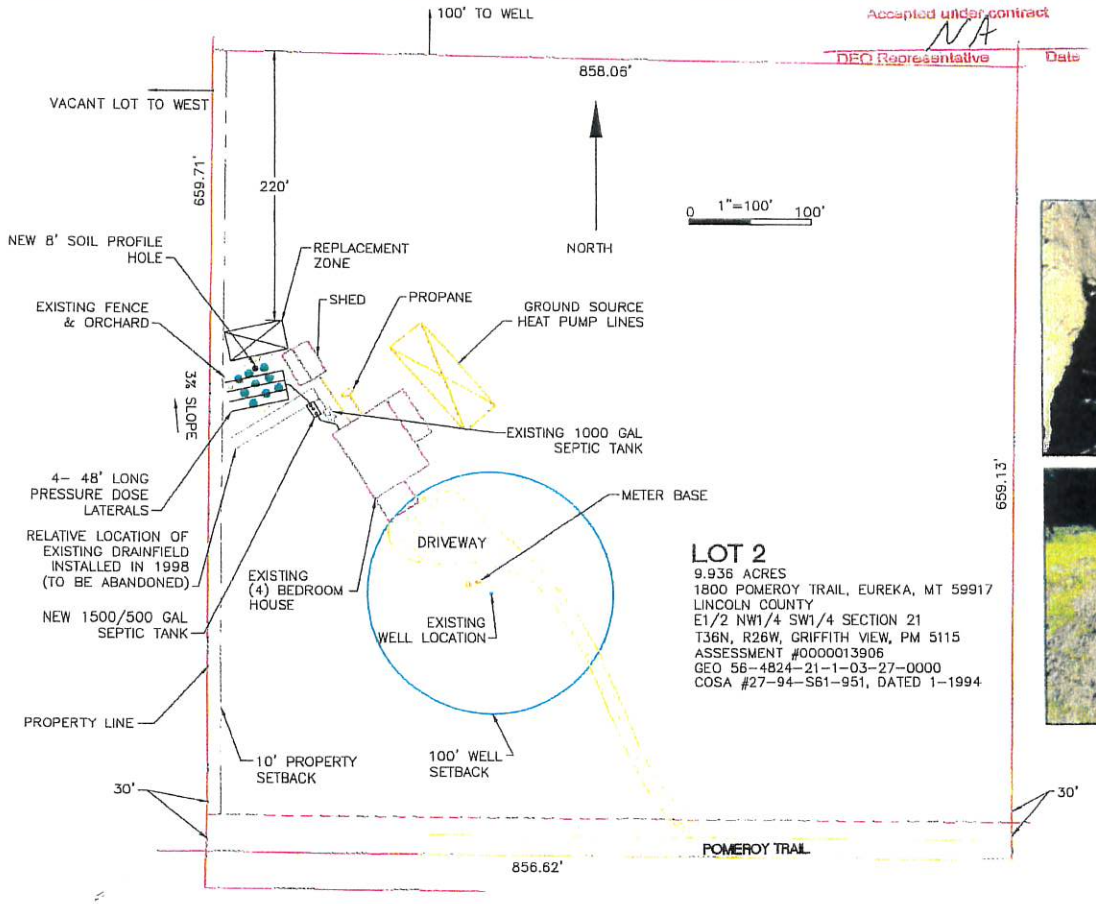
Signed: Robin Blumberg *Date:* 8/28/26

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.

Reviewed by the Local Reviewing Authority
Under contract with the
Department of Environmental Quality
John Blyly R.S. 7/8/26
Local Reviewer Date

Accepted under contract
NA
DEQ Representative Date



LOT 2

9.936 ACRES
1800 POMEROY TRAIL, EUREKA, MT 59917
LINCOLN COUNTY
E1/2 NW1/4 SW1/4 SECTION 21
T36N, R26W, GRIFFITH VIEW, PM 5115
ASSESSMENT #0000013906
GEO 56-4824-21-1-03-27-0000
COSA #27-94-S61-951, DATED 1-1994

DRAINFIELD SIZING- APP RATE

(1) BEDROOM= 150 GPD
150 GPD/XX APP= 190 SQFT
XX APP=150/190= 0.79

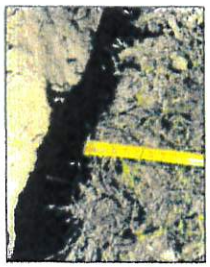
(4) BEDROOM DRAINFIELD SIZING

190 SQFT PER BEDROOM
(4) BEDROOM= 760 SQFT
760 SQFT/3' CHAMBERS= 254 LF
GROUND IS BETTER THAN A 0.7 APP RATE
REDUCTION FOR 0.7 APP= 25%
254 LF X 0.75= 190 LF
190 LF= (4) 48' PRESSURE DOSE W/ CHAMBERS

DOSE VOLUME CHECK

LENGTH OF 2" PIPE= 54FT
LENGTH OF 1-1/2" PIPE= 192FT
54FT X 0.1632 GAL/FT= 8.8 GAL
192FT X 0.0918 GAL/FT= 17.6 GAL
TOTAL DISTRIBUTION LINE= 26.4 GAL
DEQ CIRC #4= 5 TO 10 TIMES VOLUME
26.4 GAL X 5= 132 GAL DOSE

DISTANCE BETWEEN FLOATS= 14"
IN A 500 GAL DOSE CHAMBER= 137 GAL







TEST HOLE INFO: (DUG 6-16-26)

0"-12"= TOP SOIL, 15% ROCK, 1"-4"
0"-38"= ROOT DEPTH, SILTY LOAM, 25% ROCK, 1"-10"
38"-76"= LOOSE SILTY LOAM-ROCK, 35% ROCK, 1"-12"
76"-96"= SILTY LOAM-ROCK, 35% ROCK, 1"-16"

COSA HAS APP RATE AT 0.79. WE USED 0.7 FOR SIZING TEST HOLE SHOWED LOTS OF ROCK AND SANDY MATERIAL WILL USE 0.7 BASED UPON OBSERVATIONS IN TEST HOLE

WALDROFF SITE LAYOUT

RLL FOR LOT 2 GRIFFITH VIEW

MDS
MONTANA DESIGN SERVICES, INC.
WALDROFF RLL
SITE LAYOUT
5/2/26
5/2/26
507-002
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