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

Issue Date: 08/13/2026 Expiration Date: 08/12/2027 Permit# 26-12959

Property Owner: Mike Dever

Mailing Address: [redacted]

Installer: Mason Haidle License #: 224

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

☒ Replace Drainfield ☒ Replace Tank ☐ Extension

Describe: Installation of pressure dosed system for 3 Bedroom House.

Parcel Description:

Legal: S21, T36 N, R26 W, COS 2990, PARCEL D, ACRES 2.63

Property Address: 1205 Pomeroy Trail, Eureka, MT 59917 Assessment Code: 12959

DEQ COSA: EQ# 01-1419 RLL Parcel D Date: 6/6/25

Approved Design Criteria: Installation of pressure dosed system for 3 Bedroom House with 4 Laterals @ 75' with reduction for chambers.

# of Bedrooms: 3 Septic Tank Size: 1000/1000 Trench Width: 36"

# of Laterals: 4 Length of Laterals: 75' Trench Depth: 24"- 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:* 9/10/26

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.

APPROVED
Montana Department of
Environmental Quality
Reviewer
6/06/2025
Date
COSA #01-1419

UPDATED 6-4-25

NORTH

COSA APPROVED WELL LOCATION

NEIGHBOR DRAINFIELD LOCATION

NEIGHBOR WELL LOCATION

PARCEL C
COS 2990

COSA TEST HOLE LOCATION

RELATIVE EXISTING DRAINFIELD LOCATION (TO BE ABANDONED)

NEW 1000/500 GALLON PRESSURE DOSE SEPTIC TANK

100' LAKE SETBACK

GLEN LAKE

60' EASEMENT

POMEROY TRAIL

275.55'

473.53'

38.46'

(3) BEDROOM HOUSE

NEW WELL

PARCEL D

4% SLOPE

DRIVEWAY

10'

43.54'

7% SLOPE

LOT GRADE BREAK

GARAGE

111.54'

NEIGHBORS WELL PREVIOUSLY SHARED

50' WELL SETBACK

529.90'

127.93'

25' HOLE SETBACK

335.27'

200' MIXING ZONE

100' WELL SETBACK

EXISTING SEPTIC TANK (TO BE ABANDONED)

PARCEL B
COS 2848

10' SETBACK

1% SLOPE

TEST HOLE

PARCEL C
COS 2146

PROPOSED (5) 75' LONG PRSSURE DOSE DRAINFIELD LATERALS REPLACEMENT ZONE

135.64'

NEIGHBOR DRAINFIELD LOCATION

0 100'

DRAINFIELD SIZING- COSA

125 LF/BEDROOM PER COSA
(3) BEDROOM= 375 LF
SQFT/2' WIDE LATERALS= 375 LF
SQFT= 375 LF X 2'= 750 SQFT
300 GPD/(X) APP= 750 SQFT
300 GPD= (X) APP X 750 SQFT
(X) APP= 300/750= 0.4 APP RATE

DRAINFIELD SIZING- TEST HOLE

(3) BEDROOM= 300 GPD
300 GPD/0.4 APP= 750 SQFT
750 SQ FT/3' CHAMBERS= 250 LF
(4) 75 LF PRESSURE DOSE LATERALS TO MEET REQUIREMENTS OF COSA

PARCEL D

2.63 ACRES
1205 POMEROY TRAIL, EUREKA, MT 59917
S21, T36N, R26W, PARCEL D, COS 2990
ASSESSMENT #0000012959
GEO 56-4824-21-4-02-48-0000
COSA #01-1419, DATED: 9-2000



8' SOIL PROFILE HOLE 10-3-24 TEST HOLE | 8' SOIL PROFILE HOLE | SPOILS PILE | MATERIAL AT BOTTOM

TEST HOLE INFO (DUG 10-3-24)

0"-9"= TOP SOIL/DUFF LAYER
0"-21"= ROOT DEPTH
21"-32"= LOOSER SILTY LOAM, 5% SMALL ROCK
32"-64"= FIRM SILTY LOAM, 20% SMALL ROCK
64"-96"=HARDER SILTY LOAM, 15% SMALL/LARGE ROCK

TEST HOLE WAS EASY TO DIG TO THE 64" DEPTH
FIRM WITH SMALL AND LARGE ROCK TO 96"
0.4 APP RATE WAS DETERMINED- COSA IS AT 0.4 APP WHICH AGREES WITH TEST HOLE RESULTS
ORIGINAL COSA HAD TEST HOLE #2 HERE BUT NO RESULTS WERE PROVIDED FOR IT

MIKE DEVER PROPOSED SITE LAYOUT

RR FOR PARCEL D OF BEASLEY FAMILY TRANSFER

MDS	1/16 = 1'-0"			MONTANA DESIGN SERVICES DEVER SEPTIC		
CONTRACT:	DATE:			SITE LAYOUT		
WORKBAL	D-3863			M. DEVER		10/13/23
PLOT FILE:	WEIGHT			M. DEVER		10/23/23
PML-0001				M23-001		1

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