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

Issue Date: 04/20/2026 Expiration Date: 04/19/2027 Permit#26-7630 #B

Property Owner: Kevin Hubbard

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 to replace unpermitted system for 2 Bedroom House and bathroom in garage.

Parcel Description:

Legal: S29, T36 N, R26 W, COS 3641, PARCEL 1, ACRES 25.235

Property Address: 524 South Rolling Hills Road, Eureka, MT 59917 Assessment Code: 7630

DEQ COSA: E.Q.# Date:

Approved Design Criteria: Installation of new gravity system to replace unpermitted system for 2 Bedroom House and bathroom in garage with 3 Laterals @ 85' with reduction for chambers.

# of Bedrooms: 3 Septic Tank Size: 1000 gallons Trench Width: 24"

# of Laterals: 3 Length of Laterals: 85' 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, 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: _____ *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.

PARCEL 1

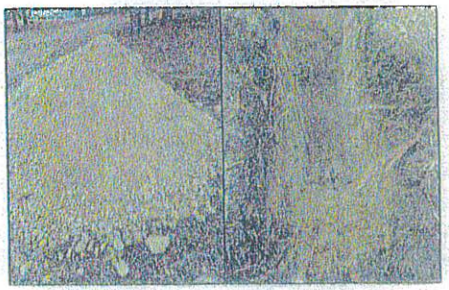
25.235 ACRES
524 SOUTH ROLLING HILLS RD, EUREKA, MT 59917
S29, T36N, R26W, COS 3641 (TO BE SPLIT)
ASSESSMENT #0000007630
GEO 56-4824-29-1-01-05-0000

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' X 0.85= 255 LF
255 LF= (3) 84' LATERALS



EXISTING TANK FILTER



SPOILS PILE



TEST HOLE DEPTH

SOILS AT BOTTOM



EXISTING D-BOX



NORTH

100' WELL SETBACK

GARAGE

2-BEDROOM HOUSE

GARAGE WITH BATHROOM

DRIVEWAY

INLET PIPE FROM TANK

ONLY 3 LATERALS WERE FOUND ON 3-3-26 USING CAMERA THROUGH D-BOX TWO LATERALS ON ONE HEADER LINE (PERMITTED FOR 5-100' LATERALS) EXACT LENGTH OF LATERALS NOT DETERMINED

EXISTING 1000 GAL SEPTIC TANK WITH FILTER

90'

SITE SERVICES CAMERA LOCATED EXISTING D-BOX (2-18-26)

TEST HOLE LOCATION DUG 3-3-26

3-84' GRAVITY LATERALS WITH CHAMBERS

ONE HEADER PIPE GOING TO TWO LATERALS

EAST LATERAL

DRAINAGE SWALE

2% SLOPE

REPLACEMENT ZONE

550' TO SEASONAL STREAM

58'

PROPERTY LINE

240' TO WELL

TEST HOLE INFO: (DUG 3-3-26)

0"-12"= TOP SOIL
0"-24"= ROOT DEPTH
12"-39"= LOOSE SILTY LOAM, 35% 1"-10" ROCK
39"-84"= LOOSE SILTY LOAM, 15% 1"-4" ROCK
84"-96"= FINE SILTY LOAM, 5% 1"-2" ROCK

TEST HOLE WAS EASY TO DIG TO THE 96" DEPTH LOOSE SILTY LOAM. THERE IS A CASE FOR 0.6 APP RATE IF IT HAD MORE ROCK 0.5 APP RATE SET FOR SIZING BECAUSE OF IT

524 SOUTH ROLLING HILLS ROAD SITE LAYOUT

REV	DATE	COMPANY	SCALE	MONTANA DESIGN SERVICES, INC HUBBARD SITE
		MDS	1/16 = 1'-0"	524 SRH SITE LAYOUT
		CONTRACT	DATE	DRAWN BY: K. HUBBARD 3/4/26
		VERIFIED	3/2026	CHECKED BY: K. HUBBARD 3/4/26
		PLOT FILE: PSE-0001	WEIGHT	PROJECT #: 475-002 SHEET #: 1

THIS DRAWING IS PROPERTY OF MDS WHICH CONTINUES THE RIGHT REGARDLESS WHETHER SUCH IS USED IT CAN NOT BE TRANSFERRED TO ANY OTHER PARTIES WITHOUT WRITTEN APPROVAL FROM MDS CORPORATION