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

Issue Date: 03/13/2026 Expiration Date: 03/12/2027 Permit#26-15816

Property Owner: James Tornow

Mailing Address: [redacted]

Installer: Cory Burk License #: 213

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

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

Legal: MOUNTAIN AIR, S12, T36 N, R27 W, LOT 1, ACRES 6.01, PM 7091

Property Address: Lot 1 Indian Creek Road, Eureka, MT 59917 Assessment Code: 15816

DEQ COSA: E.Q.#09-2284 RLL Mountain Air Lot 1 Date: 12/01/25

Approved Design Criteria: Installation of new gravity system for 3 Bedroom House with 3 Laterals @ 84' with reduction for chambers.

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

# of Laterals: 3 Length of Laterals: 84' 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.

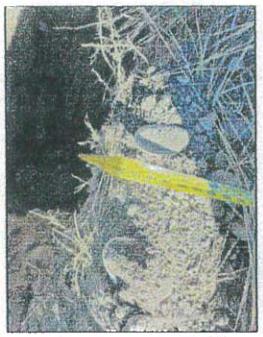
Signed: _____ *Date:* _____

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.



SPOILS PILE



8' SOIL PROFILE HOLE



TEST HOLE

TEST HOLE INFO (DUG 9-22-25)

0"-16"= TOP SOIL- 20% ROCK 1" TO 3"
0"-28"= ROOT DEPTH- 20% ROCK 1" TO 3"
16"-72"= LOOSER SILTY LOAM/GRAVEL, 40% 1" TO 8"
72"-99"= FIRM SILTY LOAM, 10% 1" TO 3"

TEST HOLE WAS EASY TO DIG TO THE 72" DEPTH
FIRM BUT WITH SOME SAND IN IT TO 99"
0.5 APP RATE WAS DETERMINED- COSA 5 AT 0.5 APP
WHICH AGREES WITH TEST HOLE RESULTS

TORNOW SITE LAYOUT

SEPTIC PERMIT

REV	DESCRIPTION	BY/DATE	APRO/DATE

DRAINFIELD SIZING

(3) BEDROOM= 300 GPD
300 GPD/0.5 APP= 600 SQ-FT
600 SQ FT/2' CHAMBERS= 300 LF
REDUCTION FOR 0.5 APP= 15%
300 LF X .85= 255 LF
255 LF= (3) 84' LATERALS

ROADSIDE SWALE

LOT 1

6.01 ACRES
LOT 1 INDIAN CREEK ROAD, EUREKA, MT 59917
S12, T36N, R27W, MOUNTAIN AIR
ASSESSMENT #0000015816
GLO 56-4823-12-1-01-18-0000
COSA #09-2284, 9-2010

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REV	DATE	COMPANY	SCALE	GENERAL NOTES	MONTANA DESIGN SERVICES, INC. TORNOW SEPTIC
		MDS	1"=16 & NOTED		SITE LAYOUT
		CONTRACT:	DATE:	DIMENSIONS:	SCHEMATIC/DESIGN 2/15/26
		VERBAL	9/2025		DRAWN BY C. BURK 2/16/26
		PLOT FILE:	WEIGHT	FINISH	JOB NO. 448-002 SHEET 1
		PML-0001	---		

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