Permit #24-54433

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

Issue Date: 03/12/2024 Expiration Date: 03/11/2025

Property Owner: DL Fitzpatrick

Mailing Address: [redacted]

Installer: Buck Schermerhorn License #: 135

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new gravity system.

Legal: AJ ESTATES, S14, T37 N, R27 W, LOT 8, ACRES 1.72, PM 6477

Property Address: Lot 8 AJ Estates Luciano Dr., Eureka, MT59917 Assessment Code: 54433

DEQ COSA: E.Q.#02-1071 Date: 03/26/2003

Approved Design Criteria: Installation of new gravity system with 3 laterals @ 76' with reduction for chambers.

# of Bedrooms: 4 Septic Tank Size: 1500 gallons Trench Width: 24"

# of Laterals: 3 Length of Laterals: 76' 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: [signature] *Date:* 4/11/24

__✓__ Lincoln County Health Department (LCHD) _____ Licensed Installer w/ approval of LCHD

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.



4-BEDROOM DRAINFIELD SIZING

70 LINEAR FEET PER BEDROOM
70 X 4= 280 LF
(4) 70' LATERALS
GROUND IS BETTER THAN A 0.6 APP RATE
REDUCTION FOR 0.6 APP= 20%
280 LF X 0.80= (3) 76' LATERALS

APP RATE DETERMINATION

(4) BEDROOM= 350 GPD
350 GPD/0.625 APP= 560 SQFT

FITZPATRICK SITE LAYOUT