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

Issue Date: 09/08/2025 Expiration Date: 09/07/2026 Permit#25-54641

Property Owner: Dale Roo

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 pressure dosed system for 4 Bedroom House and Bathroom in shop.

Legal: FATT BOY, S06, T36 N, R26 W, LOT 4, ACRES 4.65, PM 6661

Property Address: 219 Wild West Dr., Eureka, MT 59917 Assessment Code: 54641

DEQ COSA: E.Q.# 06-1647 Fatt Boy Date: 11/21/2005

Approved Design Criteria: Installation of new pressure dosed system for 4 Bedroom House and Bathroom in shop with 3 Laterals @ 60'.

# of Bedrooms: 4 +Bathroom in shop Septic Tank Size: 1500/500 Trench Width: 36"

# of Laterals: 3 Length of Laterals: 60' Trench Depth: 24"-36"

SYSTEM MUST INCLUDE INSTALLATION OF EFFLUENT FILTER AT SEPTIC TANK OUTLET!!

Special Instructions: Install system according to the lot layout, the Lincoln County Wastewater Treatment and Disposal Regulation, Circular DEQ-4, and COSA(If Applies). 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.

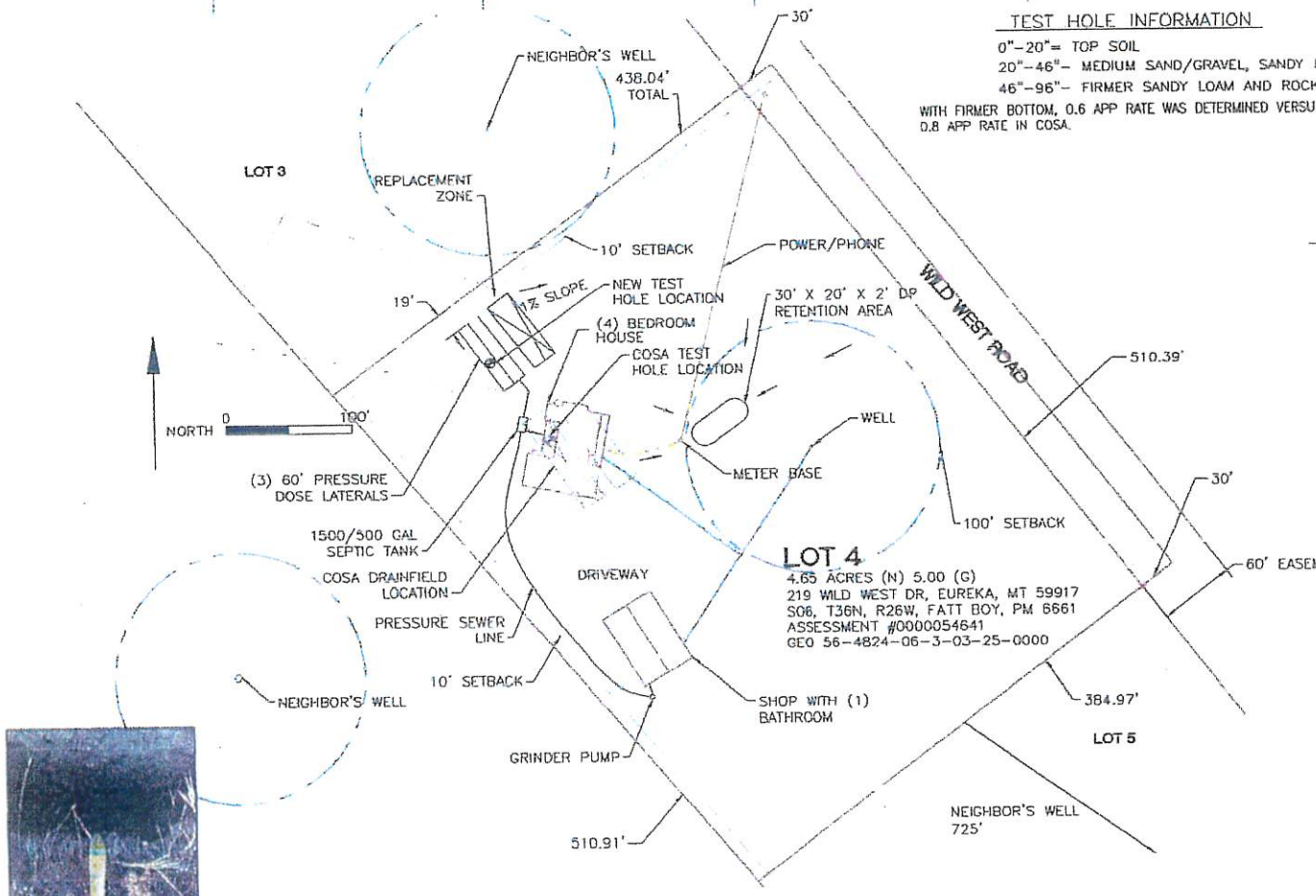
Closure Statement:

This system is in compliance with the approved design criteria and Lincoln County's Wastewater Treatment and Disposal Regulation.

Signed: Robin Blumberg Date: 10/27/25

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.



TEST HOLE INFORMATION

0"-20"= TOP SOIL
20"-46"- MEDIUM SAND/GRAVEL, SANDY LOAM
46"-96"- FIRMER SANDY LOAM AND ROCK

WITH FIRMER BOTTOM, 0.6 APP RATE WAS DETERMINED VERSUS 0.8 APP RATE IN COSA.

DRAINFIELD SIZING- COSA

(5) BEDROOM= 400 GPD
400 GPD/0.8 APP= 500 SQFT
500 SQ FT/3' CHAMBERS= 166.6 LF
REDUCTION FOR 0.8 APP= 25%
166.6' X 0.75= (2)-64' LATERALS

DRAINFIELD SIZING- TEST HOLE

(5) BEDROOM= 400 GPD
400 GPD/0.6 APP= 666.6 SQFT
666.6 SQ FT/3' CHAMBERS= 222 LF
REDUCTION FOR 0.6 APP= 20%
222' X 0.80= (3)-60' LATERALS



8' TEST HOLE (8-8-24)



SPOILS FILE

8' DEPTH

DALE ROO SITE LAYOUT
RLL FOR LOT 4