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

Issue Date: 03/13/2026 Expiration Date: 03/12/2027 Permit#26-55351

Property Owner: Wade Hein

Mailing Address: [redacted]

Installer: Dallas Pluid License #: 216

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new elevated sand mound system for 4 Bedroom House.

Legal: TOBACCO BAY ESTATES, S07, T36 N, R27 W, LOT 16, ACRES 1.81, PM 6921

Property Address: Lot 16 Hoodoo Loop, Eureka, MT 59917 Assessment Code: 55351

DEQ COSA: E.Q.#08-1742 Tobacco Bay Estates Date: 06/04/2008

Approved Design Criteria: Installation of new elevated sand mound system for 4 Bedroom House.

# of Bedrooms: 4 Septic Tank Size:1500/500 Gallons

ESM: 13' X 67' # of Laterals: 3 Length of Laterals: 60'

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. 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.

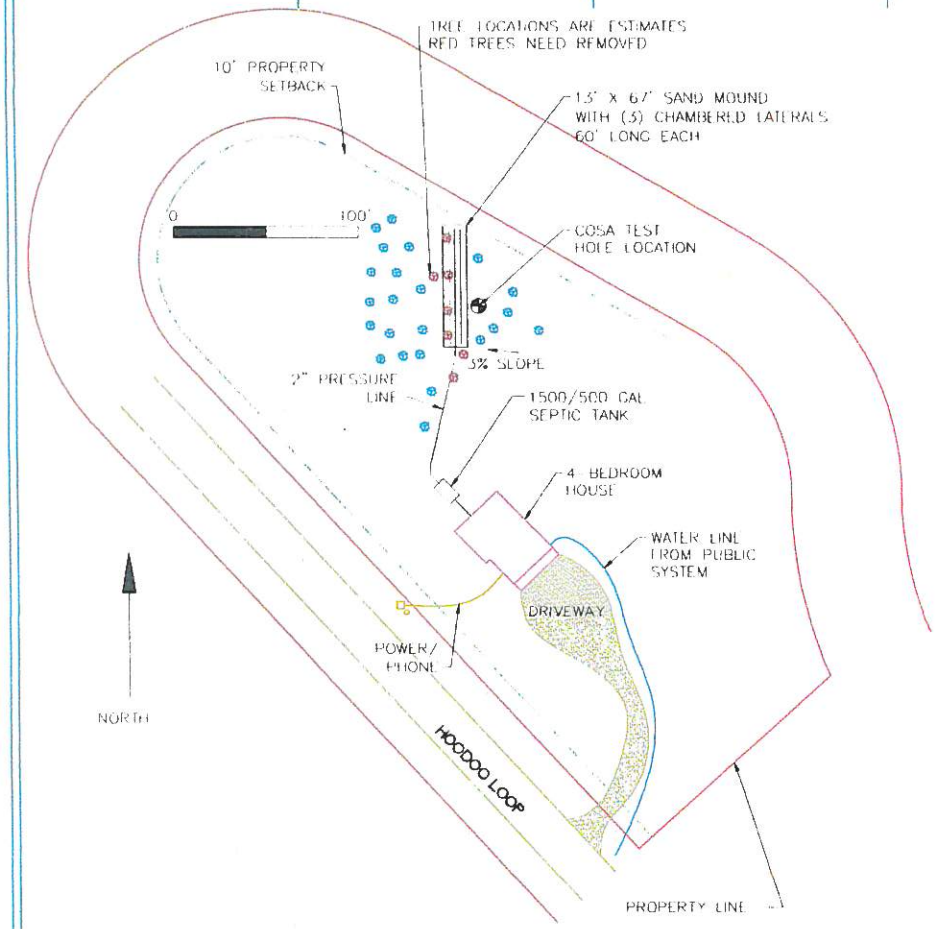
Closure Statement:

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.



LOT 16

1.891 ACRES
LOT 16 HOODOO LOOP, EUREKA, MT 59918
S17, T36N, R27W, TOBACCO BAY ESTATES
ASSESSMENT #0000055351
GEO 56-4823-07-2-02-29-0000
COSA #08-1742, DATED 6-2008

DOSE VOLUME CHECK

LENGTH OF 2" PIPE = 90FT
LENGTH OF 1-1/2" PIPE = 186FT
90FT X 0.1652 GAL/FT = 15 GAL
186FT X 0.0918 GAL/FT = 17 GAL
TOTAL DISTRIBUTION LINE = 32 GAL
DEQ CIRC #4 = 5 TO 10 TIMES VOLUME
32 GAL X 5 = 160 GAL DOSE

DISTANCE BETWEEN FLOATS = 16.5"
IN A 500 GAL DOSE CHAMBER = 162.5 GAL

Elevate Sand Mound Design 467

Permit # Hein Hoodoo Lot 16 — Montana Design Services, Inc

Input Parameter	Value	Units	Notes

Required Mound Design	Value	Units	Notes

Prepared Mound Design	Value	Units	Notes

Maximum Checks	Min	Design	Result
			OK

Calculate Mound Design	Value	Units	Notes

FINAL MOUND DESIGN	Value	Units	Notes

INCREASED TO 15' TO ACCOMMODATE 5 LATERALS

HEIN SITE LAYOUT- SAND MOUND

REV	DATE	COMPANY	SCALE	D & H HAULING
		D/H	1/16" = 1'-0"	HEIN SEPTIC (4 BMR)
		CONTRACT	DATE	SITE LAYOUT
		VERBAL	1/2020	DRAWN 1/2020
		PURCHASE	WEIGHT	D. HUSE
		PW-0001		467-001

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