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

Issue Date: 06/13/2025 Expiration Date: 06/12/2026 Permit#25-10501B

Property Owner: Jake Armstrong

Mailing Address: [redacted]

Installer: Homeowner License #:

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

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

Legal: S09, T36 N, R27 W, CS 2885, PARCEL N/A, TRACT 4CA, 3.89 ACRES

Property Address: 342 Tobacco Breaks Rd., Eureka, MT 59917 Assessment Code: 10501

DEQ COSA: E.Q.# 25-1821 Date: 05/15/25

Approved Design Criteria: Installation of new gravity system for 3 Bedroom House with 3 Laterals @ 63'.

# of Bedrooms: 3	Septic Tank Size: 1000	Trench Width: 24"
# of Laterals: 3	Length of Laterals: 63'	Trench Depth: 24"

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.

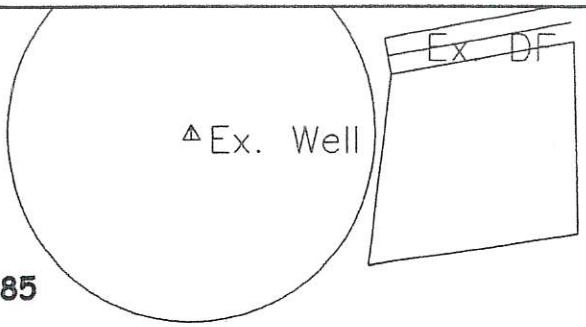
Signed: _____ *Date:* _____

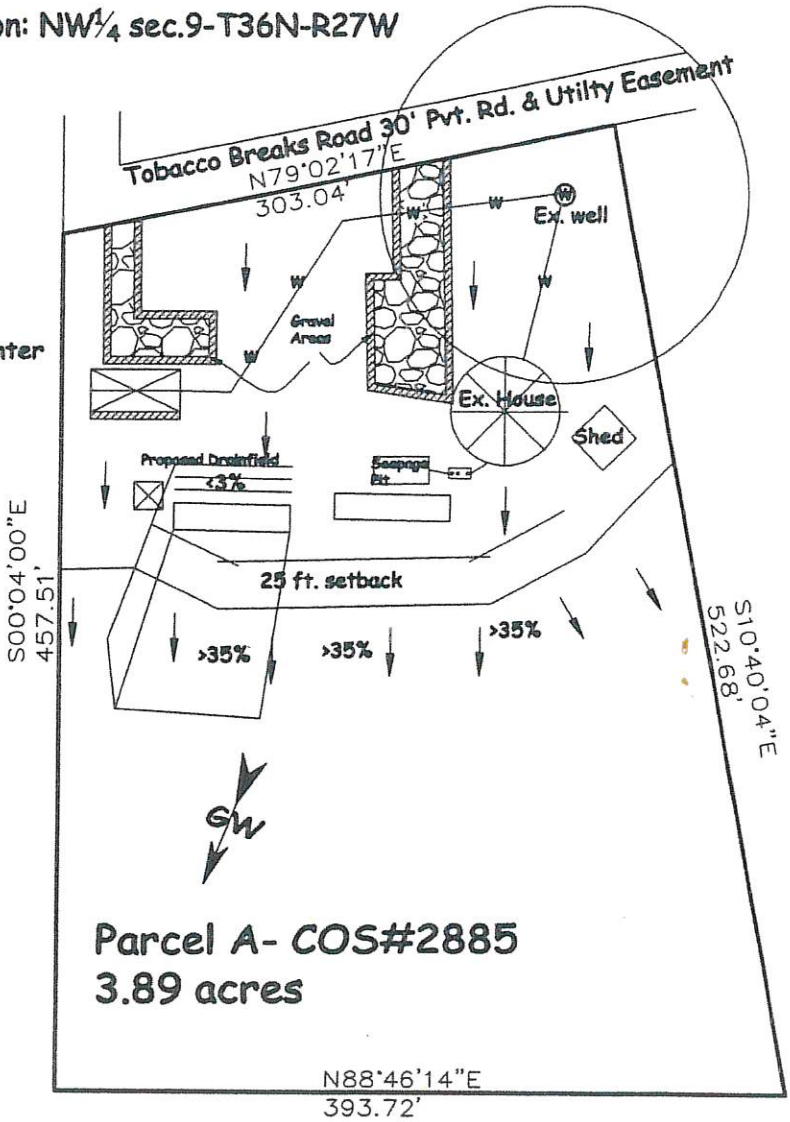
This permit is not finalized until the system is inspected and the closure statement is signed.

This permit is not a guarantee that the system will function properly for a prescribed period of time.

Legend
- test hole
- proposed & existing drainfield site
- proposed & existing replacement area
- existing well w/100' isloation zone
- mixing zone
- existing septic tank
- proposed retention swale
- Building site

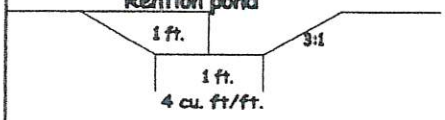
Name: Parcel A COS#2885
County: Lincoln
Location: NW¼ sec.9-T36N-R27W
E.Q.#





Drainfield Design Standards
for each proposed drainfield
3 bdrm. home gravity septic system
0.8 gpd/ft2- application rate
188 Lin. ft. x 2' wide trenches=
3 laterals @ 62.6 lin. ft. & 7 ft. on center
1,000 gal. septic tank
Trench Depth = 24 inches

Tract 1
Stormwater Control
Device(SCD)/
RoadsideSwale/
Rention pond



Existing Impervious Area
House= 2,028 sf
Driveway= 3,700 sf
400 lin.ft retention swale= 1,600 cf

Proposed Additional Impervious Area
Trailer = 1,100 sf
Driveway= 1,650 sf
293 lin. ft retention swale= 1,172 cf

NOTE-
1. No nearby well or septic systems within 100 ft.
2. Drainfields exist within 500 ft. of existing well.
3. Homeowners responsible for the maintenance of individual Stormwater Control Devices.
4. Homeowners to maintain check dams, culverts in road right-of-ways
5. Completion of the proposed subdivision will not increase the amount of pre-development, during a 100-year, 24 hour storm event, between proposed lots and from the proposed subdivision area to the ajoining properties. 17.36.310 (3)(e)
6. Each house foundation to be one foot above natural ground surface,
7. All wells to be constructed per ARM Title 36, Chapter 21, subchapter 6.
8. 10,000 sq. ft (minimum) of landscaping per new dwelling required

N

1" = 100'

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