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

Issue Date: 9/9/2026 Expiration Date: 9/8/2027 Permit#26-8782

Property Owner: Dean Whitney

Mailing Address: [redacted]

Installer: Homeowner License #:

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of gravity system for 3 Bedroom House.

Legal: S29, T31 N, R31 W, ACRES 2.48 Lot 2

Property Address: 146 Bothman Dr., Libby, MT 59923 Assessment Code: 8782

DEQ COSA: E.Q.# 23-2766 Whitney Subdivision Date: 12/1/23

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

# 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. 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.

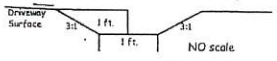
Legend

- test hole
- proposed & existing drainfield site
- proposed & existing replacement area
- proposed & existing well w/100' isloation zone
- source specific mixing zone
- proposed & existing septic tank
- roadside swale & rention pond

Drainfield Design Standards
for each proposed drainfield
3 bdrm. home gravity septic system
0.6 gpd/ft2- application rate
250 Lin. ft. x 2' wide trenches=
3 laterals @ 85 lin. ft. & 7 ft. on center
1,000 gal. septic tank

APPROVED
Montana Department of
Environmental Quality
Reviewer Date
EQ# 23-2766

Stormwater Control
RoadsideSwale/
Rention pond 4 cu. ft. / ft.



4 cu. ft. / 1 lineal ft. = 29.92 gallons retention
Proposed swale LOT 1= 200 lineal feet=800 cu. ft. capacity
Retention required = 544 cu. ft.
Proposed swale LOT 2= 640 lineal feet=2560 cu. ft. capacity
Retention required = 1,169 cu. ft.

Swales to convey stormwater runoff from driveways and rooftops to Rention Pond shall be constructed

NOTE-
1. No nearby well or septic systems within 100 ft.
2. 17.36.103(i) Potential contamination sources to well within 500 ft. shown
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
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

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Consulting Inc.
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Kalispell, MT 59903
(406)257—2795

RECEIVED
NOV 28 2023
MT DEQ PUBLIC WATER
& SUBDIVISIONS

BOTHMAN DRIVE

"WHITNEY SUBDIVISION"
AMENDED LOT 43 FIRST ADDITION TO RAWLINGS ROAD
SW1/4NW1/4, SECTION 29, T.31N., R.31W., P.M.,MT.
LINCOLN COUNTY, MONTANA

EQ# 23-2766

