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

Issue Date: 08/11/2025 Expiration Date: 08/10/2026 Permit#25-7799

Property Owner: Gavyn Helgert

Mailing Address: [redacted]

Installer: Gavyn Helgert License #: 214

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new pressure dosed system for 2 Bedroom House.

Legal: S06, T35 N, R27 W, COS 4861, PARCEL A, ACRES 12.52

Property Address: 509 Moonshine Mtn. Trl., Rexford, MT 59930 Assessment Code: 7799

DEQ COSA: E.Q.# 25-2372 Date: 6/18/25

Approved Design Criteria: Installation of new pressure dosed system for 2 Bedroom House with 3 Laterals @ 63'.

# of Bedrooms: 2 Septic Tank Size: 1000/500 Trench Width: 36"

# 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: John Blumberg *Date:* 10/17/25

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.

HELGERT REWRITE PARCEL A COS 4861
WATER, SEWER, STORMWATER
LOT LAYOUT

SECTION 6-T35N-R27W
LINCOLN COUNTY

NOTE:
THE PARCEL IS UNDEVELOPED
ALL SHOWN AS PROPOSED DEVELOPMENT
(LIVING UNIT, DRIVE, SEPTIC SYSTEM,
AND STORMWATER FEATURE)

PRIVATE ROAD THROUGH THE PROPERTY
EXISTS WITH ROADSIDE STORMWATER DITCHES.

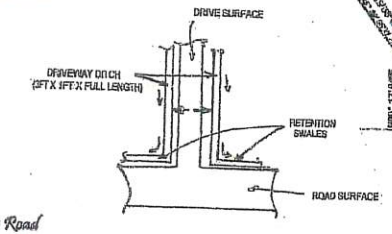
APPROVED
Montana Department of
Environmental Quality
Reviewer
Date 6/18/25



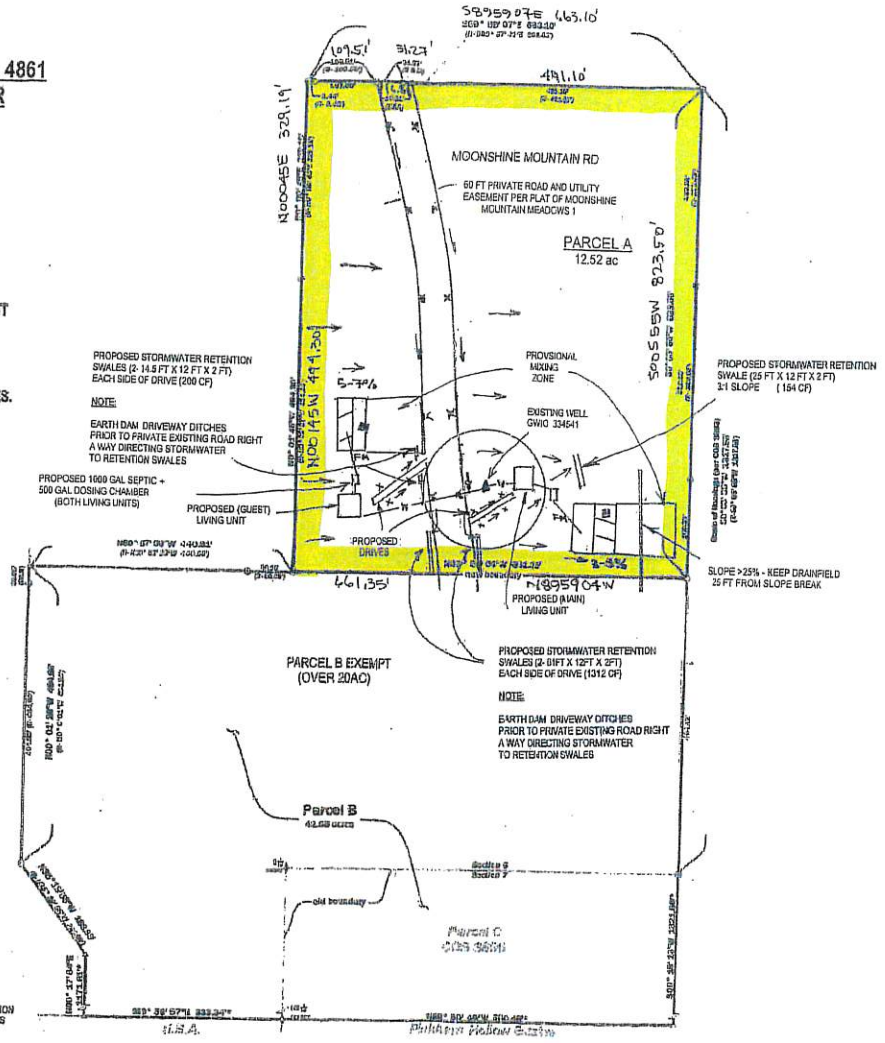
DRIVEWAY/ROAD STORMWATER DITCH
GRASS(GRAVEL ROADSIDE DITCH
CROSS SECTION TRIANGULAR CHANNEL



STORMWATER RETENTION SWALE
(GRASS SWALE)
CROSS SECTION FOR TRIANGULAR CHANNEL
12 CFS/F



ALL DRIVEWAY TERMINATIONS
TO ROAD WAY DETAIL
no scale



Jere Johnson, RS
4572 Whitefish Stage Road
Whitefish MT 59937

INDIVIDUAL SEPTIC SYSTEM

PROPOSED LIVING UNIT-3 BEDROOMS (MAIN)
300GPD
1-1000GAL SEPTIC TANK AND 500GAL DOSING CHAMBER
PER DEQ 4
.300GPD /0.4 = 750SF
750SF/3 FT TRENCH WIDTH = 250LF/3 = 3-84FT.
USE 3- 84 FT LATERALS
TRENCH DEPTH 24 INCHES FROM GROUND SURFACE

GROUNDWATER FLOW DIRECTION

PROPOSED LIVING UNIT-2 BEDROOMS (GUEST)
225GPD
1-1000GAL SEPTIC TANK AND 500GAL DOSING CHAMBER
PER DEQ 4
225GPD /0.4 = 563SF
563SF/3 FT TRENCH WIDTH = 188LF/2 = 2-94FT.
USE 2- 94 FT LATERALS
TRENCH DEPTH 24 INCHES FROM GROUND SURFACE

USE 2 INCH SCH 40 PVC FORCEMAIN TANK TO DRAINFIELD-
UNIFORM PRESSURE DOSED

LEGEND:

- PROPOSED PRIMARY/REPLACEMENT DRAINFIELDS
- Δ PROPOSED WELL
- ▲ EXISTING WELL
- ■ TEST HOLE/ GROUNDWATER PIPE
- ‖ STORMWATER RETENTION SWALE
- X DRIVEWAY DITCH
- -FM- SEWER FORCEMAIN
- -W- WATER LINE
- ↑ STORMWATER SURFACE FLOW

N

1" = 200'

NOTE:

PROPERTY IS GENRALLY LEVEL NO SURFACE DRAINAGES OR SWALES OTHER THAN SHOWN

10,000sf OF LANDSCAPE TO BE PROVIDED FOR STORMWATER INFILTRATION FOR EACH PARCEL/LOT

ALL STORM WATER SHALL BE RETAINED ON THE PROPERTY DRIVEWAY AND BUILDING CONSTRUCTION MUST BE COMPLETED SUCH THAT RUNOFF SHALL NOT FLOW OFF PROPERTY

STORM WATER MAINTENANCE AND REPAIRS SHALL BE CONDUCTED BY PROPERTY OWNERS

NO LAKES, SPRINGS, IRRIGATION DITHES, WETLANDS, OR SPRINGS WITHIN 100 FT OF SUBDIVISION

NO SOURCES OF KNOWN CONTAMINATES 50OFT OTHER THAN SEPTIC TO GROUNDWATER DRINKING SOURCE

RECEIVED
APR 24 2025
Subdivisions & Public Wate