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

Issue Date: 05/20/2025 Expiration Date: 05/19/2026 Permit# 25-60070

Property Owner: Aspen Swartzenberger

Mailing Address: [redacted]

Installer: Brian Anderson License #: 175

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

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

Legal: S33, T30 N, R31 W, COS 5087, PARCEL B, ACRES 4, IN N2SW

Property Address: 4379 Granite Lake Rd., Libby, MT 59923 Assessment Code: 60070

DEQ COSA: E.Q.#25-1151 Date: 10/01/2024

Approved Design Criteria: Installation of new gravity system for 3 Bedroom House with 4 Laterals @ 85' with reduction for chambers.

# of Bedrooms: 3 Septic Tank Size: 1000/500 Trench Width: 24"

# of Laterals: 4 Length of Laterals: 85' 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). Reduction given for chambers. 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.

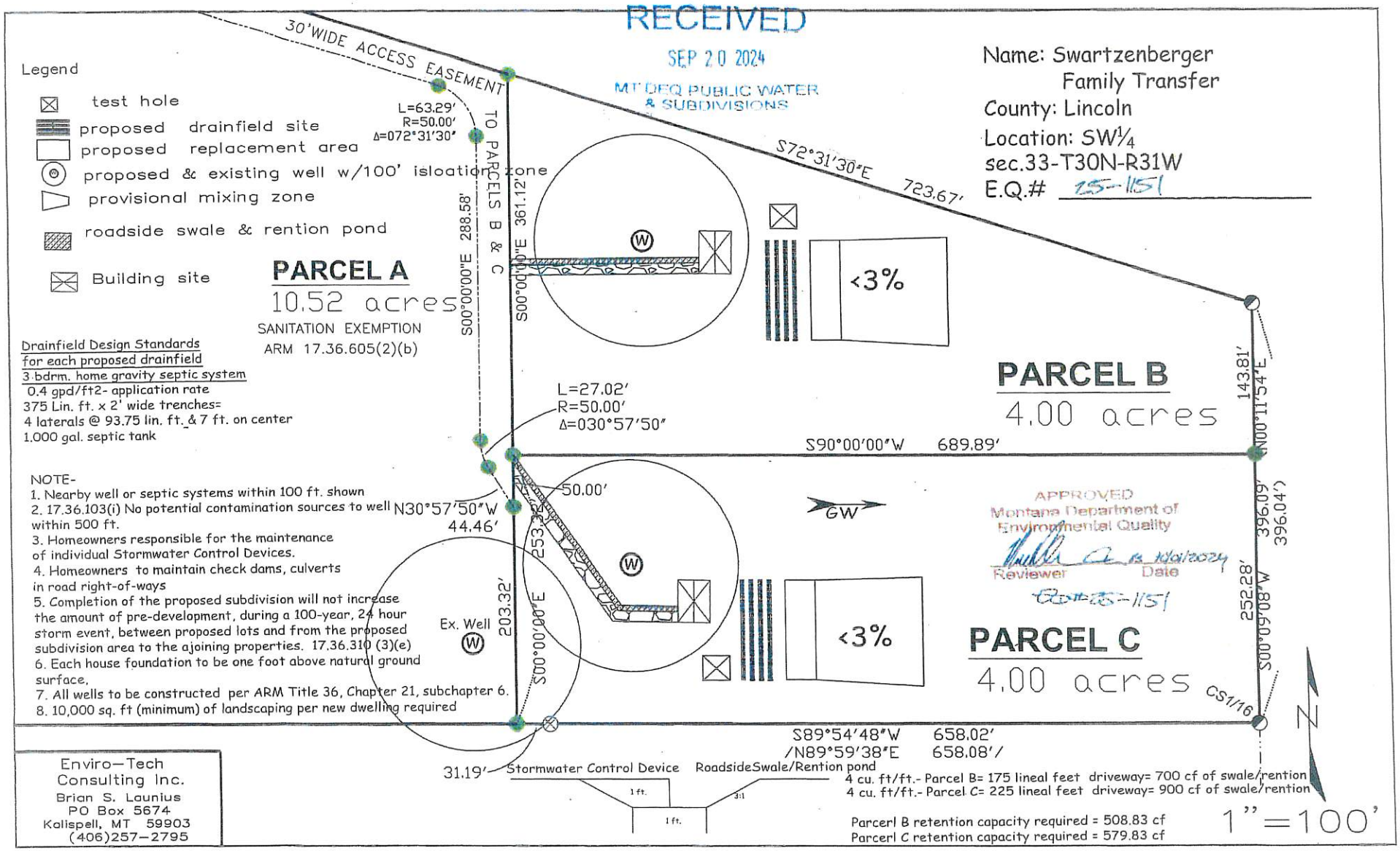
Closure Statement:

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

Signed: Robin Blumberg *Date:* 7/25/25

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.


RECEIVED
SEP 20 2024
MT DEQ PUBLIC WATER & SUBDIVISIONS
Name: Swartzenberger Family Transfer
County: Lincoln
Location: SW¼ sec.33-T30N-R31W
E.Q.# 25-1151
Legend
test hole
proposed drainfield site
proposed replacement area
proposed & existing well w/100' isloation zone
provisional mixing zone
roadside swale & rention pond
Building site
30'WIDE ACCESS EASEMENT
L=63.29'
R=50.00'
Δ=072°31'30"
TO PARCELS B & C
S00°00'00"E 288.58'
S00°00'00"E 361.12'
S72°31'30"E 723.67'
PARCEL A
10.52 acres
SANITATION EXEMPTION
ARM 17.36.605(2)(b)
<3%
PARCEL B
4.00 acres
143.81'
N00°11'54"E
L=27.02'
R=50.00'
Δ=030°57'50"
S90°00'00"W 689.89'
Drainfield Design Standards for each proposed drainfield
3 bdrm. home gravity septic system
0.4 gpd/ft2- application rate
375 Lin. ft. x 2' wide trenches=
4 laterals @ 93.75 lin. ft. & 7 ft. on center
1,000 gal. septic tank
NOTE-
1. Nearby well or septic systems within 100 ft. shown
2. 17.36.103(i) No potential contamination sources to well within 500 ft.
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
N30°57'50"W 44.46'
50.00'
GW
APPROVED
Montana Department of Environmental Quality
Reviewer Date
EQ#25-1151
396.09'
396.04')
252.28'
S00°09'08"W
Ex. Well
S00°00'00"E 203.32'
<3%
PARCEL C
4.00 acres
CS1/16
S89°54'48"W 658.02'
/N89°59'38"E 658.08'/
31.19'
Stormwater Control Device
RoadsideSwale/Rention pond
1 ft.
3:1
1 ft.
4 cu. ft/ft.- Parcel B= 175 lineal feet driveway= 700 cf of swale/rention
4 cu. ft/ft.- Parcel C= 225 lineal feet driveway= 900 cf of swale/rention
Parcerl B retention capacity required = 508.83 cf
Parcerl C retention capacity required = 579.83 cf
N
1"=100'
Enviro-Tech Consulting Inc.
Brian S. Launius
PO Box 5674
Kalispell, MT 59903
(406)257-2795