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

Issue Date: 11/21/2025 (Renewal) 11/20/2024 Expiration Date: 11/20/2026

Property Owner: Helgeson Revocable Living Trust #B

Mailing Address: [redacted]

Installer: Richard Luciano License #: 3

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

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

Parcel Description:

Legal: S32, T37 N, R27 W, E2WSE OR TR 1C 20 ACRES

Property Address: 583 Koocanusa Estates Dr. N., Eureka, MT 5991 Assessment Code: 6998

DEQ COSA: EQ# Date:

Approved Design Criteria: Installation of new gravity system for 3 Bedroom House with 3 Laterals @ 68' with reduction given for chambers.

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

# of Laterals: 3 Length of Laterals: 68' 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. 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, R.S.*

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:* _____

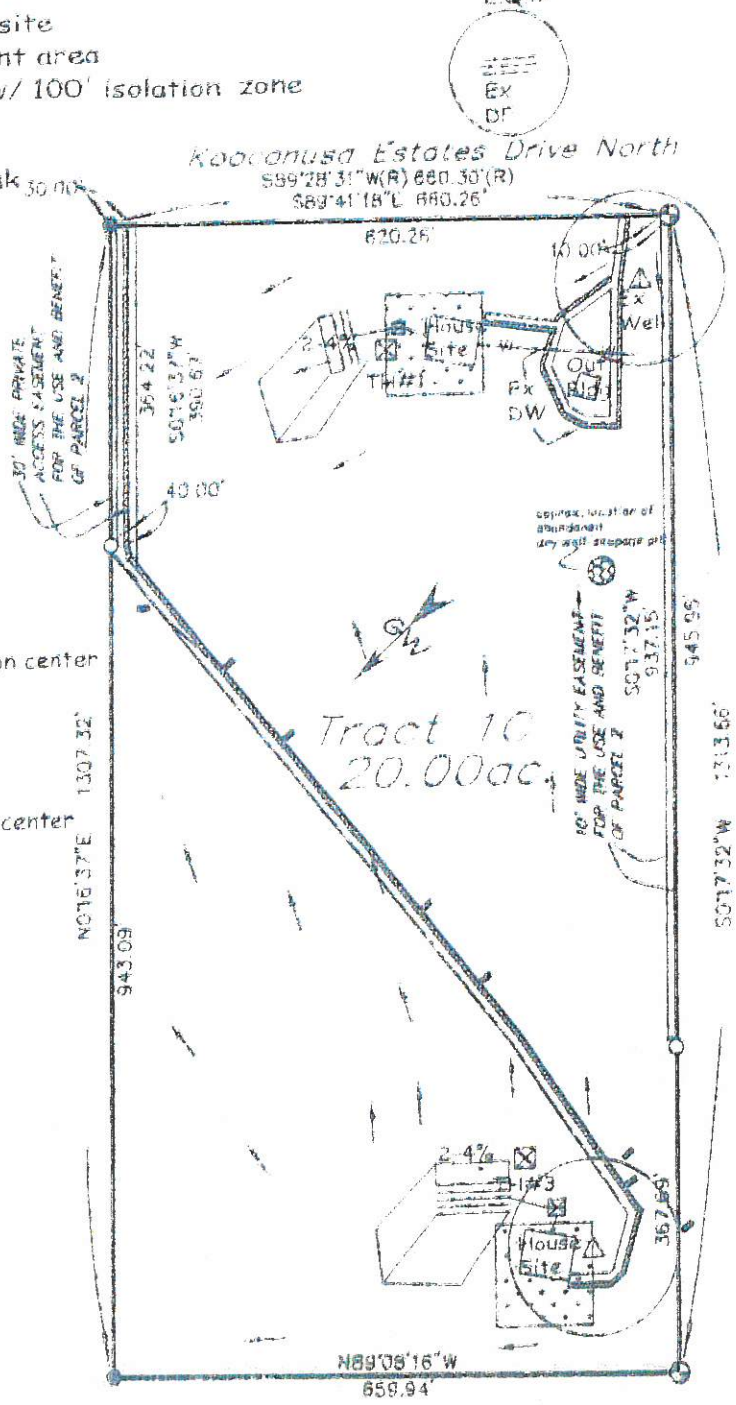
This permit is not finalized until the system is inspected and the closure statement is signed.

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

Name: Helgesen Living Trust
County: Lincoln
Location: SWSE¼
sec 32-T37N-R27W
E.Q.#

Legend

- test hole
- proposed drainfield site
- proposed replacement area
- proposed well site w/ 100' isolation zone
- mixing zone
- proposed septic tank



Drainfield Design Standards
for each proposed drainfield
Chambered Gravity system

Test Hole #1- 3 bedroom
0.6 gpd/ft2- application rate
200 Lin. ft. x 2' wide trenches=
3 laterals @ 66.6 lin. ft. & 7 ft. on center
1,000 gal. septic tank

Test Hole #3- 5 bedroom
0.5 gpd/ft2- application rate
340 Lin. ft. x 2' wide trenches=
4 laterals @ 85 lin. ft. & 7 ft. on center
1,500 gal. septic tank

1" = 200'

Enviro-Tech
Consulting Inc.
Brian S. Launius
PO Box 5674
Kalispell, MT 59903
(406)257-2795