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

Permit #24-53872

Issue Date: 03/28/2024 Expiration Date: 03/27/2025

Property Owner: Philip Alger

Mailing Address: [redacted]

Installer: Buck Schermerhorn License #: 135

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new pressure dosed system.

Parcel Description:

Legal: MOOSE COUNTRY, S29, T36 N, R27 W, LOT 2, ACRES 4.614, PM 6187 SEC 21 & 28

Property Address: 3464 Othorp Lake Rd., Rexford, MT 59930 Assessment Code: 53872

DEQ COSA: E.Q.#98-1922 Date: 08/06/1998

Approved Design Criteria: Installation of new pressure dosed system with 3 Laterals @ 54' with reduction given for chambers.

# of Bedrooms: 3 Septic Tank Size: 1000/500 gallons Trench Width: 36"

# of Laterals: 3 Length of Laterals: 54' 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, 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:

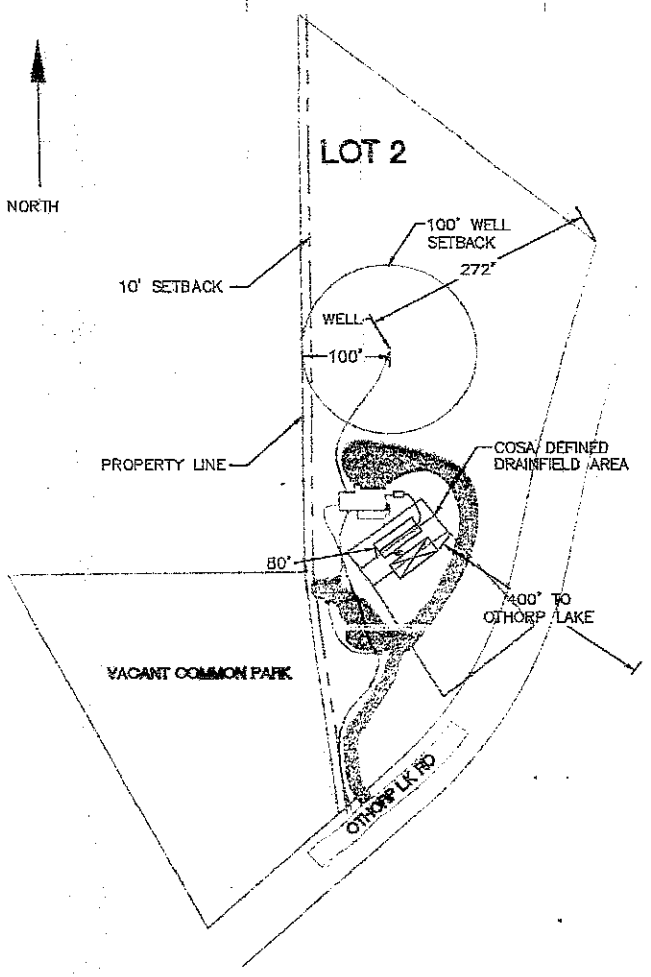
This system is in compliance with the approved design criteria and Lincoln County's Wastewater Treatment and Disposal Regulation.

Signed: Robin Blumberg *Date:* 8/26/24

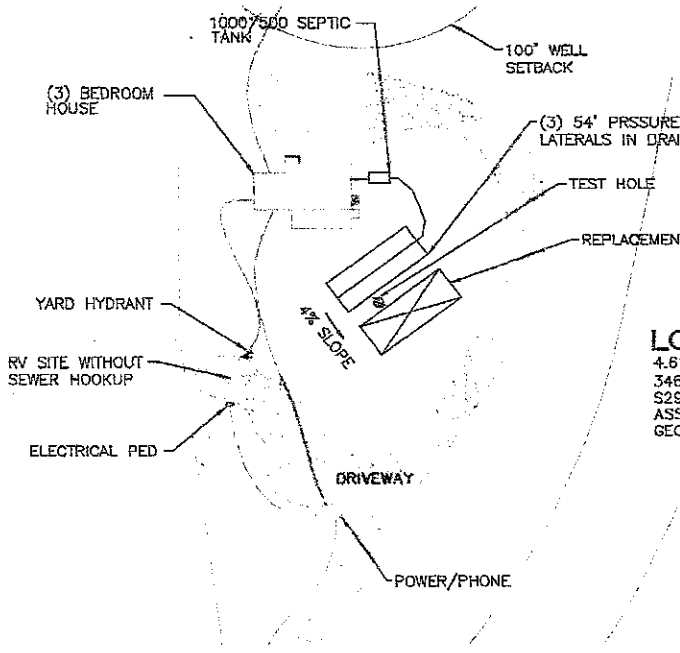
✓ Lincoln County Health Department (LCHD) ____ Licensed Installer w/ approval of LCHD

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.



PHIL AND KRISTA ALGER SITE LAYOUT



SEPTIC SYSTEM LAYOUT

DRAINFIELD SIZING

190 SQFT PER BEDROOM
(3) BEDROOM X 190 SQFT= 570 SQFT
570 SQ FT/3' CHAMBERS= 190 LF
190 LF/ 3 LATERALS= 64'

DRAINFIELD SIZING

(3) BEDROOM= 300 GPD
300 GPD/0.53 APP= 570 SQFT
570 SQ FT/3' CHAMBERS= 190 LF
REDUCTION FOR 0.5 APP= 15%
190' X 0.85= 161.5 LF
161.5 LF/ (3) LATERALS= 54'

LOT 2
4.614 ACRES
3464 OTHORP LAKE RD, REXFORD, MT 59930
S29, T36N, R27W, MOOSE COUNTRY PM 6187
ASSESSMENT #0000053872
GEO 56-4823-29-1-05-01-0000

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ALGER SEPTIC

SITE LAYOUT