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

Issue Date: 9/16/2026 Expiration Date: 9/15/2027 Permit#26-6942

Property Owner: Jon Leonard

Mailing Address: [redacted]

Installer: Buck Schermerhorn License #: 135

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Connection to pressure dosed system for 3 Bedroom House and 1 Bedroom House for unfinalized permit.

Legal: S28, T37 N, R27 W, ACRES 15

Property Address: 123 Black Dog Cove, Eureka, MT 59917 Assessment Code: 6942

DEQ COSA: E.Q.# Date:

Approved Design Criteria: Connection to pressure dosed system for 3 Bedroom House and 1 Bedroom House for unfinalized permit.

# of Bedrooms: 3 Bed House +1 Bed House Septic Tank Size: 1500/500 Trench Width: 36"

# of Laterals: 3 Length of Laterals: 90' 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.

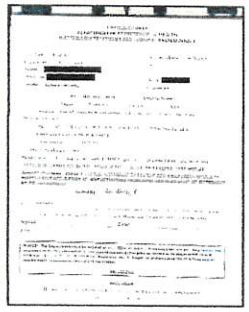
Closure Statement:

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

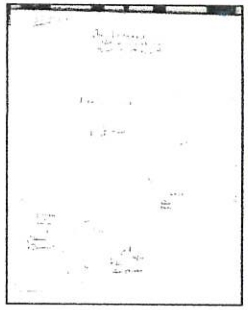
Signed: _____ *Date:* _____

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.



EXISTING PERMIT



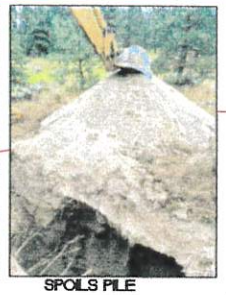
PERMIT SITE MAP



TEST HOLE



117" HOLE DEPTH



SPOILS PILE

DRAINFIELD SIZING

(1) BEDROOM= 150 GPD
(3) BEDROOM= 300 GPD
450 GPD/0.6 APP= 750 SQFT
750 SQ FT/3' CHAMBERS= 250 LF
REDUCTION FOR 0.6 APP= 20%
250 LF X 0.8= 200 LF
200 LF= (3) 68' LATERALS
ACTUAL= (3) 90' LATERALS

LEONARD

15.0 ACRES
123 BLACK DOG COVER, EUREKA, MT 59917
S28, T37N, R27W, TR 2C IN NESW & TR 6A1 IN SENW
ASSESSMENT #0000006942
GEO 56-4928-28-1-02-06-0000

TEST HOLE INFO (DUG 8-13-26)

0"-11"= TOP SOIL- SANDY TOP SOIL
0"-24"= ROOT DEPTH, SAND/SILT, 80% SAND
11"-36"= SAND/SILTY LOAM, 80% SAND
36"-117"= SAND, 100% SAND 3/8" MINUS

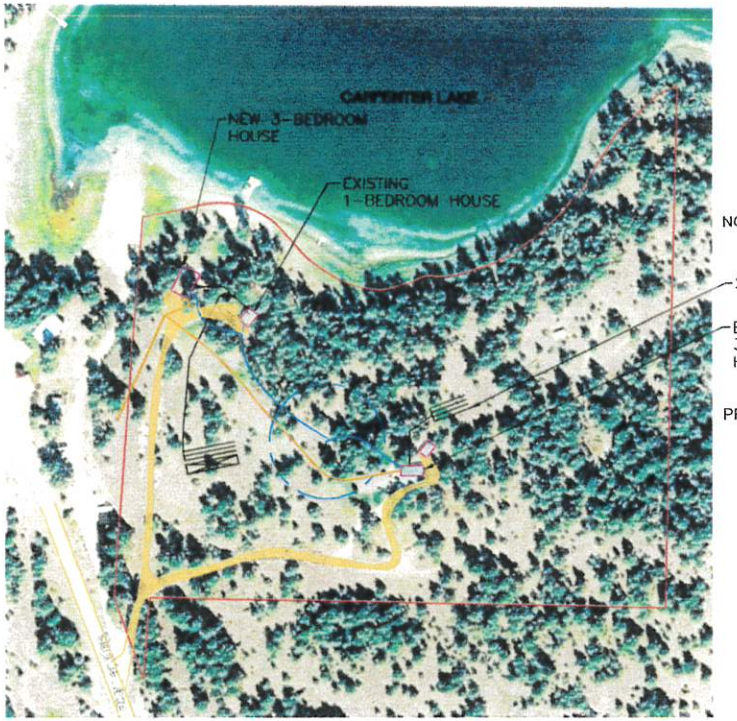
TEST HOLE IS ALMOST PURE 3/8" CLEAN SAND CLASSIC 0.6 APP RATE MATERIAL



GPR DRAINFIELD LOCATION



TANK LOCATION



LEONARD SITE LAYOUT

LEONARD SITE LAYOUT

REV.	DATE	COMPANY	SCALE	ADDRESS, AGENCY SERVICES, ETC.	MONTANA DESIGN SERVICES, INC. LEONARD SEPTIC
		MDS	1/16 = 1'-0"		SITE LAYOUT
		CONTRACT:	DATE:	DRG TOLERANCES:	8/10/26
		VERBAL	7/2026		
		PLOT FILE:	WEIGHT	FINISH	J. LEONARD 8/XX/26
		PML-0001			446-001 1

THIS DRAWING IS PROPERTY OF MDS UNTIL CONTRACT HAS BEEN SECURED BETWEEN OWNER & MDS IT CAN NOT BE SUBMITTED TO ANY OTHER PARTIES WITHOUT WRITTEN APPROVAL FROM MDS MANAGEMENT

6 5 4 3 2