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

Permit # 24-953

Issue Date: 10/17/2024 Expiration Date: 10/16/2025

Property Owner: Mike and Ariana Moore

Mailing Address: [redacted]

Installer: Bubba Persson License #: 197

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: S18, T35 N, R26 W, COS 4792, ACRES 31.34, SENW, EXCEPTING PARCEL A OF CS 2202

Property Address: 5301 Frank Lake Road, Eureka, MT 59917 Assessment Code: 953

DEQ COSA: EQ# Date:

Approved Design Criteria: Installation of new gravity system for 3 Bedroom House with 4 Laterals @ 84' with reduction for chambers.

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

# of Laterals: 4 Length of Laterals: 84' 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: Robin Blumberg *Date:* 10/28/24

✓ 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.

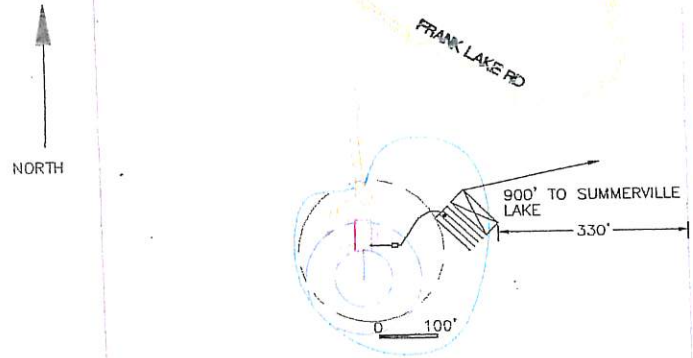


SPOILS PILE

TEST HOLE INFO:

0"–18"= TOP SOIL
0"–27"= ROOT DEPTH
18"–56"= LOOSER SILTY LOAM, SMALL ROCK
56"–96"= FIRM SILTY LOAM, LARGER ROCK

TEST HOLE WAS EASY TO DIG TO THE 56" DEPTH
VERY FIRM WITH SMALL AND LARGE ROCK TO 96"
0.4 APP RATE WAS DETERMINED





TEST HOLE

MOORE
31.31 ACRES
5301 FRANK LAKE ROAD, EUREKA, MT 59917
S18, T35N, R26W, COS 4792
ASSESSMENT #0000000953
GEO 56–4717–18–2–01–03–0000

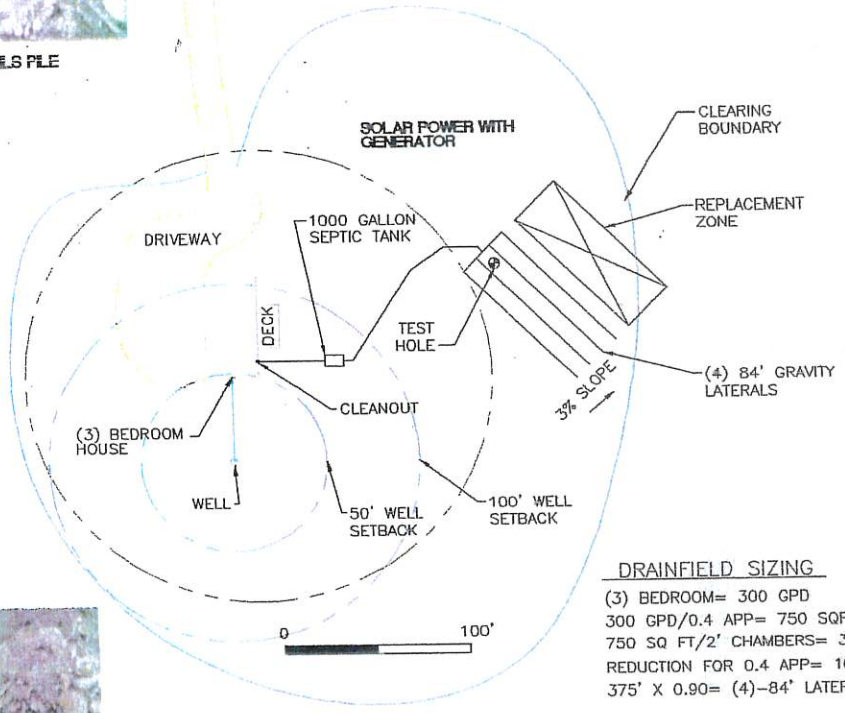
PARCEL A
COS 2202

PROPERTY LINE

MOORE SITE LAYOUT



8' TEST HOLE



MOORE SYSTEM LAYOUT

DRAINFIELD SIZING

(3) BEDROOM= 300 GPD
300 GPD/0.4 APP= 750 SQFT
750 SQ FT/2' CHAMBERS= 375 LF
REDUCTION FOR 0.4 APP= 10%
375' X 0.90= (4)–84' LATERALS

MDS
BUBBA'S EXCAVATION
MOORE SEPTIC
SITE LAYOUT
8/27/24
9/30/24
357–001