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

Issue Date: 09/30/2025(Renewal) 09/30/2024 Expiration Date: 09/28/2026 Permit#25-930

Property Owner: Shirley Rivers

Mailing Address: [redacted]

Installer: Shirley Rivers (Homeowner) License #:

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: WHISPERING PINES KOOCANUSA 1, S06, T34 N, R26 W, LOT 11, ACRES 5.371

Property Address: 777 Meadow Creek Trail, Fortine, MT 59918 Assessment Code: 930

DEQ COSA: EQ# Date:

Approved Design Criteria: Installation of new gravity system for 3 Bedroom House with 3 Laterals @ 64' with reduction for chambers. Minimum 5' between trenches, Maximum trench width 24", Trench depth 24"-36".

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

# of Laterals: 3 Length of Laterals: 64' 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.

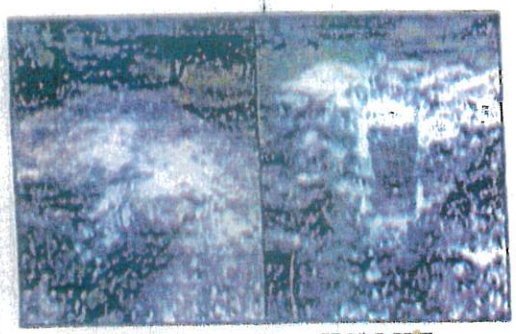
Closure Statement:

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

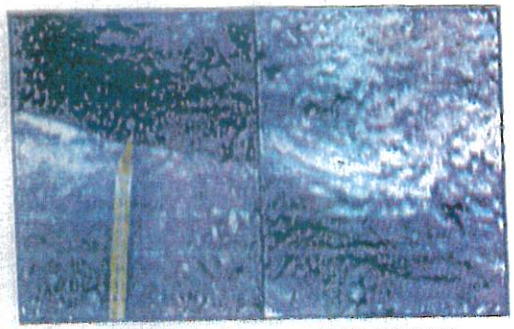
Signed: _____ *Date:* _____

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.



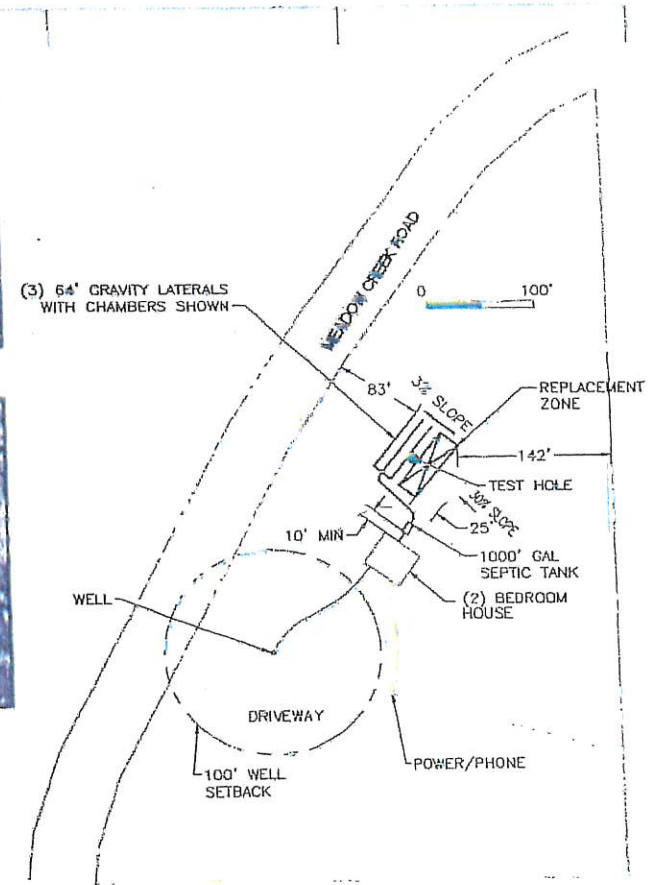
SPOILS PILE



9'-6" DEPTH



TEST HOLE AREA



RIVERS SITE LAYOUT

NORTH

DRAINFIELD SIZING— CHAMBERS

(2) BEDROOM= 225 GPD
225 GPD/0.5 APP= 450 SQFT
450 SQ FT/2' CHAMBERS= 225 LF
REDUCTION FOR 0.5 APP= 15%
225' X 0.85= 191 LF
191 LF= (3) 64' LATERALS

DRAINFIELD SIZINGG— DRAIN ROCK

(2) BEDROOM= 225 GPD
225 GPD/0.5 APP= 450 SQFT
450 SQ FT/2' CHAMBERS= 225 LF
225 LF= (3) 76' LATERALS

TEST HOLE INFO (REVIEWED 9-12-14)

0"–12"= TOP SOIL/DUFF LAYER
0"–24"= ROOT DEPTH
24"–60"= LOOSER SILTY LOAM, SMALL ROCK
60"–114"= FIRM SILTY LOAM, LARGER ROCK

TEST HOLE WAS EASY TO DIG TO THE 60" DEPTH
FIRM WITH SMALL AND LARGE ROCK TO 114"
0.5 APP RATE WAS DETERMINED, COULD BE 0.6

LOT 11
5.371 ACRES
777 MEADOW CREEK TRL, FORTINE, MT 59918
S06, T34N, R26W, WHISPERING PINES KOOCANUSA 1
ASSESSMENT #0000000930
GEO 56-4812-06-1-07-19-0000

MDS