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

Issue Date: 06/03/2025 Expiration Date: 06/02/2026 Permit#25-779

Property Owner: St Joseph Ranch

Mailing Address: [redacted]

Installer: Cory Persson License #: 197

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

☒ Replace Drainfield ☒ Replace Tank ☐ Extension

Describe: Installation of new pressure dosed system for 2 Bedroom House to replace failing system.

Legal: DEEP CREEK ESTATES, S29, T35 N, R25 W, LOT 1, ACRES 50.85, PM 4975

Property Address: 1883 Deep Creek Rd., Fortine, MT 59918 Assessment Code: 779

DEQ COSA: E.Q.# Date:

Approved Design Criteria: Installation of new pressure dosed system for 2 Bedroom House to replace failing system with 3 Laterals @ 56' with reduction for chambers.

# of Bedrooms: 2 Septic Tank Size: 1000/500 Trench Width: 36"

# of Laterals: 3 Length of Laterals: 56' 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: Robin Blumberg *Date:* 6/19/25

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.

LOT 1

50.85 ACRES
1883 DEEP CREEK RD. FORTINE, MT 59918
S29, T35N, R25W, PM 4975
ASSESSMENT #0000000779
GEO 56-4818-29-3-01-16-0000

NORTH

PROPERTY LINE

DEEP CREEK

EXISTING HOUSE & RELATIVE DRAINFIELD

2-BEDROOM EXISTING HOUSE WITH PROPOSED REPLACEMENT SYSTEM

TEST HOLE #3

EXISTING HOUSE AND RELATIVE DRAINFIELD

FUTURE 2-BEDROOM HOUSE

DEEP CRK RD

TEST HOLE #1

PROPOSED WELL LOCATION

FUTURE BUILDING

TEST HOLE #2

SCHUBERG VICINITY MAP

DEEP CREEK

100' CREEK SETBACK

~200'

RELATIVE EXISTING DRAINFIELD LOCATION

EXISTING HOUSE

RELATIVE EXISTING DRAINFIELD LOCATION

NEW 1000/500 GAL DOSING TANK

ABANDON EXISTING <1000 GAL SEPTIC TANK

RELATIVE EXISTING DRAINFIELD

ADD EXTERIOR CLEANOUT

(3)- 56' PRESSURE DOSE LATERALS

REPLACEMENT ZONE

EXISTING HOUSE

3% SLOPE

TEST HOLE #3

DRIVEWAY

PHONE

METER BASE

EXISTING WATER FROM CISTERN

EXISTING 2-BEDROOM HOUSE

DRAINFIELD SIZING

(2) BEDROOM= 225 GPD
225 GPD/0.4 APP= 563 SQFT
563 SQ FT/3' CHAMBERS= 188 LF
REDUCTION FOR 0.4 APP= 10%
188' X 0.9= 169 LF
169 LF= (3) 56' LATERALS

TEST HOLE INFO:

0"-16"= TOP SOIL 1% ROCK
0"-29"= ROOT DEPTH 1%-5% ROCK
29"-58"= LOOSER SILTY LOAM, 10% ROCK
58"-96"= FIRM SILTY LOAM, 20% ROCK

TEST HOLE WAS EASY TO DIG TO THE 58" DEPTH VERY FIRM WITH SMALL AND LARGE ROCK TO 96" 0.4 APP RATE WAS DETERMINED



8' SOIL PROFILE HOLE



SOIL PROFILE HOLE #3 DUG 5-5-25



BOTTOM SECTION SPOILS

MDS