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

Issue Date: 09/05/2023 Expiration Date: 09/04/2024

Property Owner: William Smith

Mailing Address: [redacted]

Telephone: [redacted] E-mail: [redacted]

Installer: Koocanusa Excavating License #: 135

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of pressure dosed system for adding a bedroom to existing garage.

Parcel Description:

Legal: S33, T36 N, R25 W, COS 4672, PARCEL A, ACRES 40

Property Address: 5604 Grave Creek Road Eureka, MT 59917 Assessment Code: 11520

DEQ COSA: EQ# Date:

Approved Design Criteria: Installation of pressure dosed system for adding a bedroom to existing garage. 2 Laterals@44' with reduction for chambers.

# of Bedrooms: 1 Septic Tank Size: 1000gallon dosing tank Trench Width: 36"

# of Laterals: 2 Length of Laterals: 44' 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, SIT

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: 10/13/23

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

DISCLAIMER

This permit is not a guarantee by the Department that the system will function properly for a prescribed period of time.

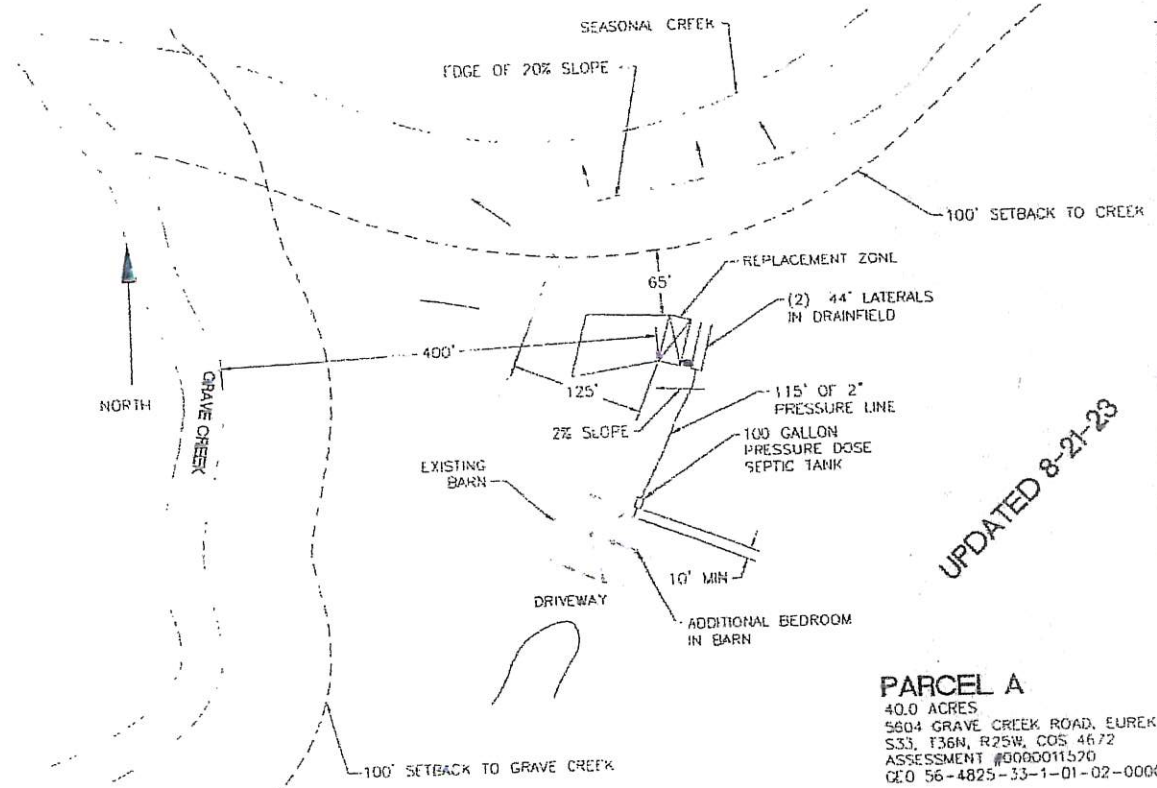


8' TEST HOLE



SPOILS PILE

0"-10" TOP SOIL & ORGANICS
10"-42"- FINE SILTY LOAM/LOAM
42"-84" COURSE SAND, SILTY LOAM AND SMALL GRAVEL
84"-96"- SILTY LOAM, SMALL AND LARGE GRAVEL



DRAINFIELD SIZING

(1) BEDROOM= 150 GPD
150 GPD/0.5 APP= 300 SQFT
300 SQ FT/3' CHAMBERS= 100 LF
100 LF/ 2 LATERALS= 50'
REDUCTION FOR 0.5 APP= 15%
100' X 0.85= (2)-44' LATERALS

UPDATED 8-21-23



TEST HOLE DEPTH

PARCEL A
40.0 ACRES
5604 GRAVE CREEK ROAD, EUREKA, MT 59917
S33, T36N, R25W, COS 4672
ASSESSMENT #0000011570
GEO 56-4825-33-1-01-02-0000

WILLIAM SMITH PROJECT LAYOUT

