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

Issue Date: 10/20/2025 Expiration Date: 10/19/2026 Permit#25-0009152714

Property Owner: Fish Hatchery House #1 USFS, USCE, FWP

Mailing Address: [redacted]

Installer: Sean McNamara License #: 221

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

☒ Replace Drainfield ☒ Replace Tank ☐ Extension

Describe: Installation of new pressure dosed system for 3 Bedroom House to replace failing system.

Legal: S20, T37 N, R27 W, ACRES 103.01, TRS IN SW 3-3A1-3B-3C-3D-3E, PTN HIDDEN MDWS LOT 1 & TR 5AB

Property Address: 5370 Sophie Lake Rd., Eureka, MT 59917 Assessment Code: 0009152714

DEQ COSA: E.Q.# Date:

Approved Design Criteria: Installation of new pressure dosed system for 3 Bedroom House to replace failing system with 2 Laterals @ 68' with reduction for chambers.

# of Bedrooms: 3 Septic Tank Size: 1000/500 Trench Width: 36"

# of Laterals: 2 Length of Laterals: 68' 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:* 11/6/25

This permit is not finalized until the system is inspected and the closure statement is signed.

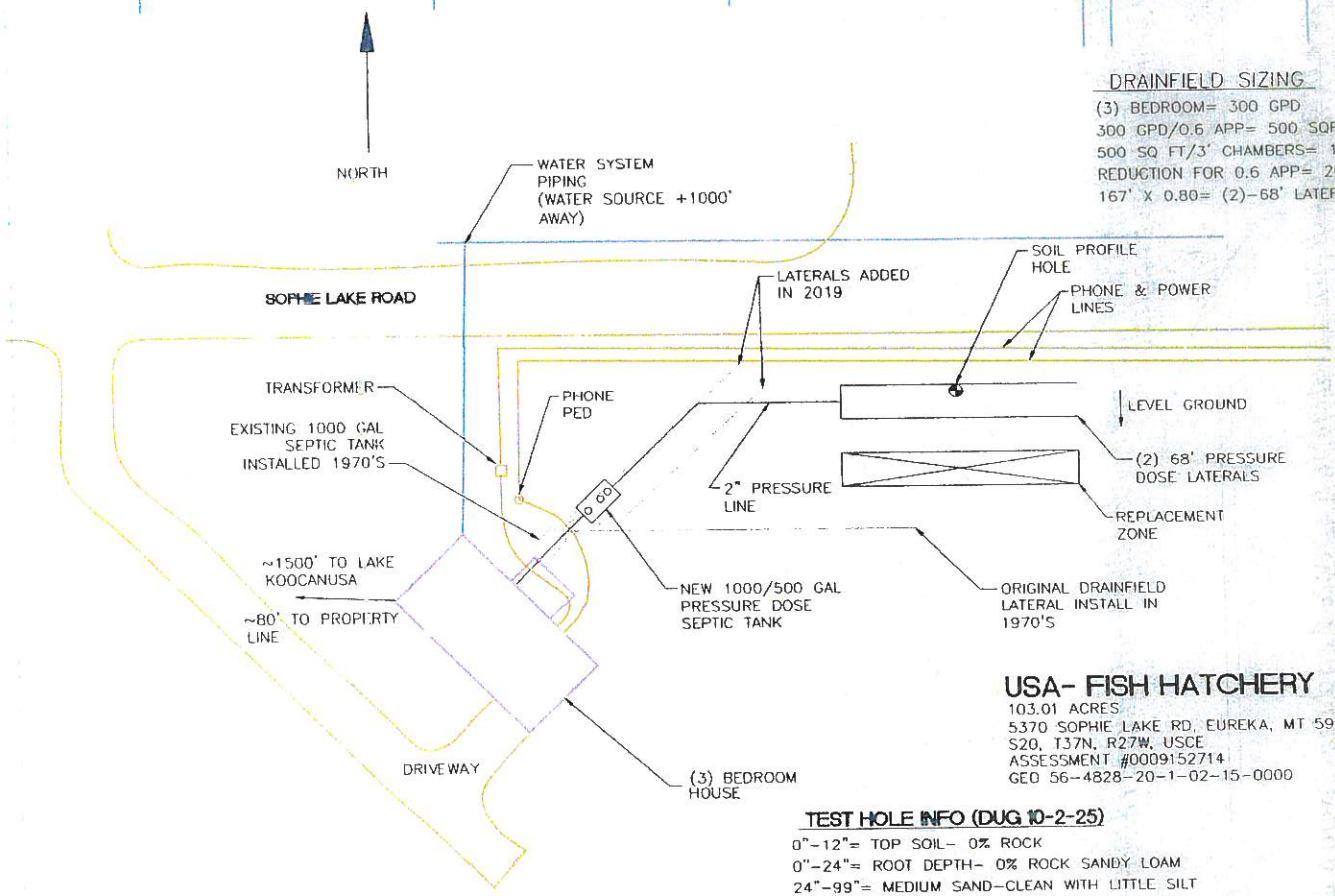
This permit is not a guarantee that the system will function properly for a prescribed period of time.



SPOILS PILE



8' SOIL PROFILE HOLE



DRAINFIELD SIZING

(3) BEDROOM= 300 GPD
300 GPD/0.6 APP= 500 SQFT
500 SQ FT/3' CHAMBERS= 167 LF
REDUCTION FOR 0.6 APP= 20%
167' X 0.80= (2)-68' LATERALS

USA- FISH HATCHERY

103.01 ACRES
5370 SOPHIE LAKE RD, EUREKA, MT 59917
S20, T37N, R27W, USCE
ASSESSMENT #0009152714
GEO 56-4828-20-1-02-15-0000

TEST HOLE INFO (DUG 10-2-25)

0"-12"= TOP SOIL- 0% ROCK
0"-24"= ROOT DEPTH- 0% ROCK SANDY LOAM
24"-99"= MEDIUM SAND-CLEAN WITH LITTLE SILT

TEST HOLE WAS EASY TO DIG TO 99".
0.6 APP RATE WITH THE MEDIUM/CLEAN SAND

FISH HATCHERY HOUSE #1

KOOCANUSA EXCAVATING
FISH HATCHERY SEPTIC
SITE LAYOUT