Permit #24-52741

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

Issue Date: 10/08/2024 Expiration Date: 10/07/2025

Property Owner: Mike and Charlotte Peterson

Mailing Address: [redacted]

Installer: Marty Goucher License #: 196

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new gravity system for 2 Bedroom House.

Parcel Description:

Legal: LAKE CREEK RANCH PH 1, S17, T30 N, R33 W, LOT 6, ACRES 3.54, PM 7156

Property Address: 114 Crow Court, Troy, MT 59935 Assessment Code: 52741

DEQ COSA: EQ# 24-2695 Date: 10/04/2024

Approved Design Criteria: Installation of new gravity system for 2 Bedroom House with 3 Laterals @ 64' with reduction for chambers.

# of Bedrooms: 2 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: Robin Blumberg *Date:* 10/11/24

____ 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.

LINCOLN COUNTY, MONTANA

LOT LAYOUT

REWRITE EQ# 11-1785, LOT 6
LAKE CREEK RANCH,
PLAT NO. 7156 & COS 4548
SECTION 17, TWP. 30 N.,
R. 33 W., P.M.M.
FOR: MICHAEL AND CHARLOTTE PETERSON
DATE: JULY 2024

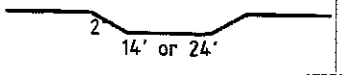
NO KNOWN POTENTIAL SOURCES OF CONTAMINATION WITHIN 500' OF EXISTING WELL EXCEPT FOR THE PROPOSED AND EXISTING DRAINFIELDS

NO WELLS OR DRAINFIELDS OR MIXING ZONES WITHIN 100' OF LOT BOUNDRY LINES, EXCEPT AS NOTED

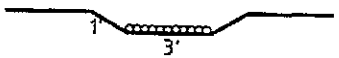
STORMWATER POND ON LOT 6:
30' X 40' X 2' TOP DIMENSIONS (EQ#11-1758)
4:1 SLOPE ON STORMWATER POND

NO LAKES, SPRING, IRRIGATION DITCHES, WETLANDS, OR SPRINGS WITHIN 100' THE LOTS INVOLVED IN THIS PROJECT

DETAIL OF STORMPOND
(NO SCALE)
4X1 SLOPE ON SIDWALLS



DETAIL OF DITCH
1 1/2" TO 2"
WASHED ROCK LINED BOTTOM
4X1 SLOPE ON SIDWALLS



APPROVED
Montana Department of Environmental Quality
Reviewer Date 10/4/2024
EQ# 24-2695

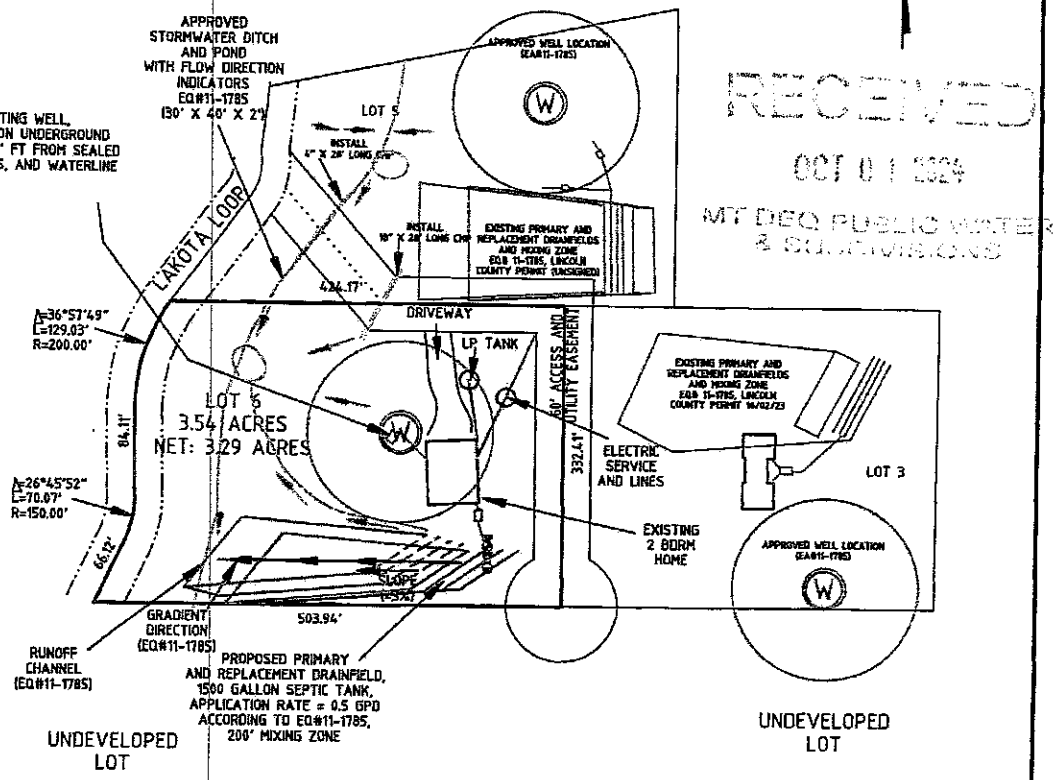
EXISTING WELL, 1725 GALLON UNDERGROUND CISTERN >25' FT FROM SEALED COMPONENTS, AND WATERLINE

RECEIVED
OCT 01 2024
MT DEQ PUBLIC WATER & SUBDIVISIONS

LEGEND

- PROPOSED PRIMARY DRAINFIELD
- PROPOSED REPLACEMENT DRAINFIELD
- TP / PT — SOIL PROFILE (2011) / PERCOLATION SITE (2011)
- (W) — EXISTING WELL AND CISTERN (2024)
- O — APPROVED STORMWATER POND (EQ# 11-1785)
- SLOPE

DRAINFIELDS ARE STANDARD GRAVITY FED TRENCHES;
SEE CIRCULAR DEQ 4 FOR TRENCH CONSTRUCTION DETAILS



SCALE
200' 0 200'
1" = 200'

ALL KNOWN LAKES, SPRINGS, IRRIGATION DITCHES, WETLANDS, AND SPRINGS WITHIN 100 FEET OF THE PARCEL BOUNDARIES ARE SHOWN

DAVIS SURVEYING, INC.
TROY, MT. 406.295.5441

DATE: 7/29/2024
DRAWN BY: KD, PhD
FILE: PETERSON_LOT_LAYOUT