Permit # 24-18405

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

Issue Date: 03/07/2024 Expiration Date: 03/06/2025

Property Owner: MFWP Design and Construction

Mailing Address: [redacted]

Installer: Nathan Ramsay License #: 179A

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

☐ Replace Drainfield ☒ Replace Tank ☐ Extension

Describe: Installation of Upgraded Level 2 system.

Legal: S03, T26 N, R27 W, TR 1B IN SESW SEC 3 & TR 2A IN NW4 SEC 10 16.18 ACRES *18405*

Property Address: 77518 US HWY 2 Libby, MT 59923 Assessment Code: 18405

DEQ COSA: E.Q.#23-2300 Date: 08/07/2023

Approved Design Criteria: Installation of Upgraded Level 2 system and zone upgrades.

# of Bedrooms: Campground Septic Tank Size: 15,670 gallons Trench Width: 36"

Drainfield: 2640 lineal feet 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. 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: [signature] *Date:* 5/31/24

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

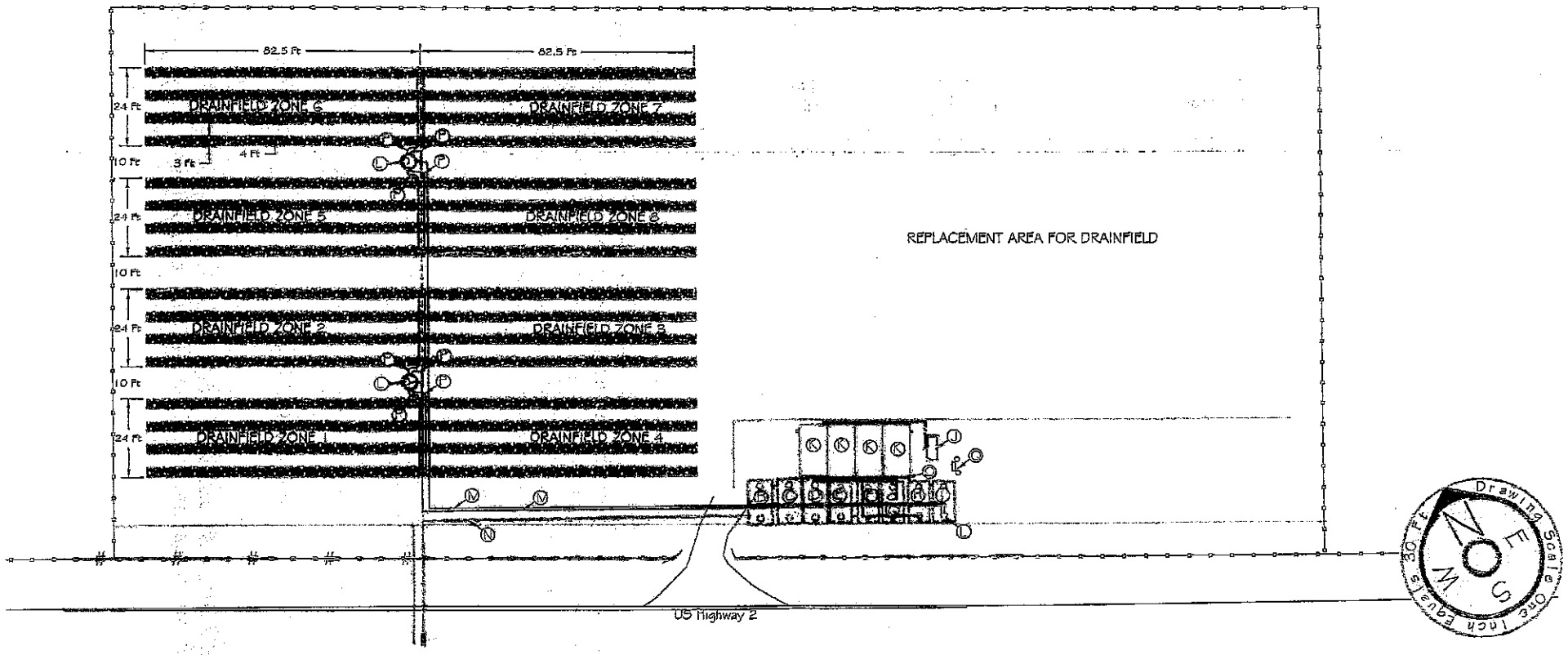
This permit is not finalized until the system is inspected and the closure statement is signed.

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

Keyed Notes for Siteplan:

A. Existing Septic Tanks with total Capacity of 4,670 Gallons (Each Tank is 2,335 Gallons)
B. Proposed 3,000 Gallon Precast Septic Tank #1
C. Proposed 3,000 Gallon Precast Septic Tank #2
D. Proposed 3,000 Gallon Precast Septic Tank #3
E. Proposed 2,000 Gallon Precast Septic Tank #4
F. Proposed 2,000 Gallon Recirculation Tank with no Pump #5
G. Proposed 2,000 Gallon Recirculation Tank with (4) Pumps and (3) Risers as shown #6
H. Proposed 2,000 Gallon Post Anoxic Tank #7
I. Proposed 2,000 Gallon Post Anoxic Tank #8
J. Proposed Air Ventilation Unit
K. Proposed AX-100 Orenco Advantex Pods or Approved Equivalent
L. Proposed 48" Manhole with 4 Way Distributing Valve (2 Locations)
M. Proposed 2" Sch 40 Piping from Pump Chamber to Manhole with Distributing Valve (2 Pumps/Pipes)
N. Connect to existing 4" Sch 40 Forcemain at edge of fencing/right of way and install new 4" sch 40 line to proposed septic tank #1
O. Proposed 4" Sch 40 collection piping from Pods to Recirculation Valve in Recirculation Tank #5 and on to Post Anoxic Tank #7.
P. 2" Sch 40 Line to Drainfield Zones
Q. Control Panels for Level Two System and Electrical Panels (Electrical Panel shall be designed by Licensed Master Electrician) - Panels to be mounted on ¾" Pressure Treated Plywood mounted to (2) 12" x 10' Posts with 4' embedded in 18" oversize concrete filled hole. All panels to be rated for exterior usage and installed per electrical code.

APPROVED
Montana Department of Environmental Quality
4/27/23
Engineer Date



DRAWN BY: DATE:	M Nerdig 04/23/2023	APPROVED BY: DATE:	Montana Fish, Wildlife & Parks
CHECKED BY: DATE:	REVISED BY: DATE:	APPROVED BY: DATE:	Drainfield and Level 2 Improvements
	APPROVED BY: DATE:		Logan State Park Septic Repairs Project

SHEET: 5 of 19