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

Issue Date: 10/1/22 Expiration Date: 9/30/2023

Property Owner: Bull Lake Properties LLC

Mailing Address: [redacted]

Telephone: E-mail:

Installer: Thompson Contracting Inc License #: 73

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Gravity system with standard trenches

Parcel Description:

Legal: Fewkes Lot 1, S20 T29N R33W, 11.27 acres

Property Address: 124 Fewkes Forest Ln, Troy Assessment Code: 14249

Approved Design Criteria:

# of Bedrooms: 3 Septic Tank Size: 1000 gallons Trench Width: 24 inches

# of Laterals: 2 Length of Laterals: 95 lineal feet Trench Depth: 24 - 36 inches

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. CHANGES MUST BE PRE-AUTHORIZED BY THE DEPARTMENT.

Issued By: *Kathi J. Hooper, 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: _____ *Date:* _____

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

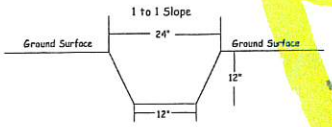
DISCLAIMER

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

SV

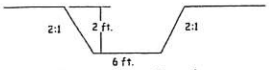
Legend

- test hole
- proposed drainfield site
- proposed replacement area
- proposed well site w/ 100' isolation
- mixing zone
- SCD



Roadside Swale Detail

to be installed along both sides of roadway
culverts to be installed as needed
ditch sides @ 1 to 1 slope
One lineal foot of swale contains 14.96 gallons of additional runoff



Retention Pond

16 cu. ft. / 1 lineal ft. = 149.6 gallons retention

Stormwater Control Device (SCD)

Swales to convey stormwater runoff from driveways and rooftops to Rention Pond (SCD) shall be constructed

LOT 1 requires 25.36 lineal feet

LOT 2 requires 48.42 lineal feet = 2 @ 24.5 ft. each



1"=200'

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MT DEQ PUBLIC WATER & SUBDIVISION BUREAU

Enviro-Tech Consulting Inc.
Brian S. Launius
PO Box 5674
Kalispell, MT 59903
(406)257-2795

Name: Fewkes Subdivision
County: Lincoln
Location: NE ¼ sec.20-T29N-R33W
E.Q.# 15-125C

WESTERLY MONTANA HIGHWAY 36 RIGHT-OF-WAY LIMITS

LINE	BEARING	LENGTH	REMARKS
L23a	N16°20'13"E	204.77	
L24	N16°20'13"E	17.72	
L25	N15°18'53"E	99.97	Spiral Curve Chord
L26	N14°18'53"E	70.16	Spiral Curve Chord
L27	S75°53'39"E	10.00	Change R/W limits
L27a	N14°18'53"E	28.85	Spiral Curve Chord
L28	N13°18'53"E	99.13	Spiral Curve Chord
L29	N12°18'53"E	99.48	Spiral Curve Chord
C5			See Curve Data
L30	N07°31'53"E	99.57	Spiral Curve Chord
L31	N06°31'53"E	99.13	Spiral Curve Chord
L32	N05°31'53"E	99.13	Spiral Curve Chord
L33	N04°31'53"E	98.69	Spiral Curve Chord
L34	N02°31'53"E	297.78	

CURVE DATA

CURVE	RADIUS	DELTA	LENGTH
C5	2815.00	4°46'54"	234.93

BULL LAKE MEANDER LINE

LINE	BEARING	LENGTH
L49a	S65°42'09"W	83.55
L50	S44°34'27"W	115.23
L51	S27°45'04"W	90.51
L52	S15°36'07"W	144.56
L53	S06°16'05"E	126.60
L54	S23°59'31"E	102.27
L55	S53°04'02"E	92.82
L56	S53°04'02"E	126.82
L57	S54°03'23"E	163.13

NOTE-
1. No nearby well or septic systemswithin 100 ft.
2. Homeowners responsible for the maintenance of individual Stormwater Control Devices.
3. Homeowners to maintain check dams, culverts in road right-of-ways

Drainfield Design Standars
for each proposed drainfield
0.8 gpd/ft2- application rate
2 laterals @ 95 lineal ft. x 2ft. width
maximum depth not to exceed 24 inches.