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

Issue Date: 06/04/2025 Expiration Date: 06/03/2026 Permit#25-12914

Property Owner: Joe Nasello

Mailing Address: [redacted]

Installer: Homeowner License #:

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

☐ Replace Drainfield ☐ Replace Tank ☐ Extension

Describe: Installation of new gravity system for 3 Bedroom House.

Legal: IMBODEN, S09, T36 N, R26 W, Lot 1, acres 3.846, PM 7229

Property Address: 3346 Sinclair Creek Rd., Eureka, MT 59917 Assessment Code: 12914

DEQ COSA: E.Q.# 19-1892 Date: 7/5/19

Approved Design Criteria: Installation of new gravity system for 3 Bedroom House with 5 Laterals @ 100'.

# of Bedrooms: 3	Septic Tank Size: 1000	Trench Width: 24"
# of Laterals: 5	Length of Laterals: 100'	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.

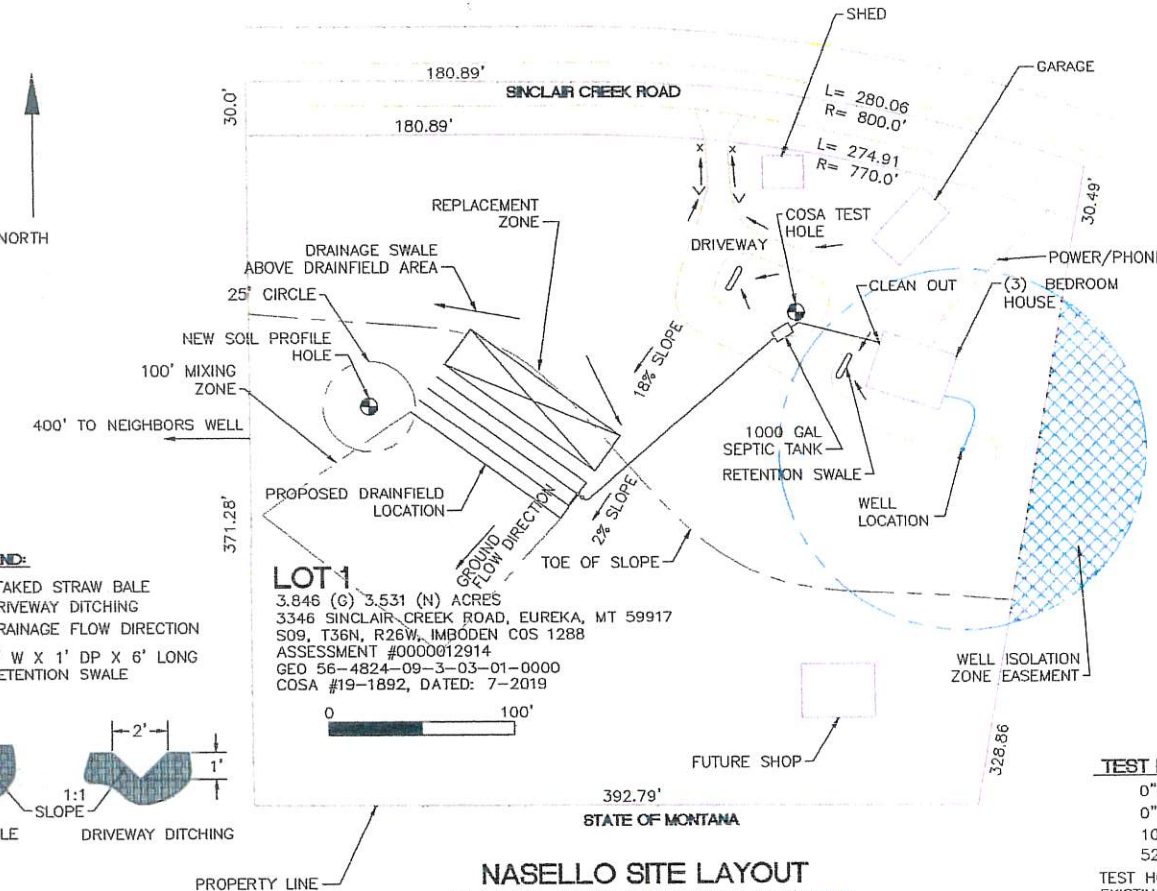
Signed: _____ *Date:* _____

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.

GRAVITY DRAINFIELD SIZING

(3) BEDROOM= 300 GPD
300 GPD/0.3 APP= 1000 SQFT
1000 SQ FT/2' CHAMBERS= 500 LF
500 LF= (5) 100' LATERALS



LEGEND:
- X STAKED STRAW BALE
- V DRIVEWAY DITCHING
- DRAINAGE FLOW DIRECTION
- 3' W X 1' DP X 6' LONG RETENTION SWALE

NASELLO SITE LAYOUT
RLL FOR LOT #1 OF IMBODEN SUBDIVISION


104" SOIL PROFILE HOLE


TEST HOLE


SPOILS PILE


MATERIAL AT BOTTOM

TEST HOLE INFO (DUG 3-31-25)

0"-10"= TOP SOIL
0"-24"= ROOT DEPTH, 5% ROCK
10"- 52"= BROWN/TAN SILTY LOAM, 15% ROCK
52"-104"= FIRM SILTY LOAM, 25% ROCK

TEST HOLE DUG EASY TO 52". FIRMER BUT WITH EXTRA ROCK EXISTING COSA HAD APP RATE AT 0.3. MATERIAL IS DIFFERENT AT THE BOTTOM AREA. 0.4 APP RATE DETERMINED SYSTEM SIZED TO APPROVED COSA PER DEQ REQUIREMENTS

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REV	DATE	COMPANY	SCALE:	MONTANA DESIGN SERVICES, INC.
		MDS	1/16 = 1'-0"	NASELLO SEPTIC
		CONTRACT	DATE	SITE LAYOUT
		VENDAL	3/2025	4/3/25
		PLOT FILE:	WEIGHT	JOE NASELLO 3/XX/25
		PNL-0001	FINISH	407-001 1