

PERMIT APPROVAL SPECIFICATIONS
Sanders County Environmental Health Department
1111 Main St. Thompson Falls, MT, 59873 * 406.827.6961



Owner information:

<u>DKE Properties, LLC</u> Name	<u>02 23N 31W</u> S T R
<u>280 Little Beaver Creek Rd</u> Mailing address	<u>5/14/2024</u> Date Submitted
<u>Trout Creek, MT 59874</u> City	<u>6/19/2024</u> Date Approved
<u>24-174</u> Permit Number	<u>6/19/2026</u> Expiration Date

Lot 8, Hidden Meadows Way, Trout Creek, MT 59874
Physical Address

Permit Specifications:

Installation of a **shallow capped pressure dosed** wastewater treatment system for a **three (3)** bedroom living unit and a garage with a shop restroom.

- (1) 1500-gallon combination tank (1000 gallons septic, 500 gallons dosing)
- 2.0-inch schedule 40 PVC transport line, or equivalent replacement
- 1 ½ -inch schedule 40 PVC manifold, or equivalent replacement
- 1 ½ -inch schedule 40 PVC laterals, with 3/16-inch orifices spaced 5 feet apart, with 2.5 feet lead-in, and at least one orifice per lateral facing down into splash guards if gravelless chambers are used
- **Installer must verify pump specifications and float settings using field data**

Pipe and Gravel

600 square feet
200 lineal feet

2 laterals @ 100 feet

Gravelless Chambers:

600 square feet
170 lineal feet

2 laterals @ 85* feet

***Pressure-dosed trenches are 3 feet wide. Please follow Sanders County wastewater regulations & State regulations in Circular DEQ 4, 2023 edition. Install the system per the approved Lot Layout.**

Pre-notification is mandatory 48 hours before backfilling system.

Sanders County Environmental Health Tech



SANDERS COUNTY

ENVIRONMENTAL HEALTH

WELL PERMIT APPROVAL SPECIFICATIONS
Sanders County Environmental Health Department
1111 Main St. Thompson Falls, MT, 59873 * 406.827.6909

Owner information:

<u>DKE Properties, LLC</u>	<u>02</u>	<u>23N</u>	<u>31W</u>
Name	S	T	R
<u>280 Little Beaver Creek Rd</u>	<u>05/14/2024</u>		
Mailing address	Date Submitted		
<u>Trout Creek, MT 59874</u>	<u>06/19/2024</u>		
City	Date Approved		
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Permit Number	Expiration Date		

Lot 8, Hidden Meadows Way, Trout Creek, MT 59874
Physical Address

This permit is approved with the following specifications:

- Drill the well as shown on the approved Lot Layout
- Notify Sanders County, 406-827-6961, of the date drilled and the well driller
- Well must meet setbacks in ARM 17.36.323 or ARM 17.36.918, as applicable
- Driller must complete the well in accordance with ARM Title 36 Chapter 21 subchapter 6 Construction Standards
- Driller must file a well log report in accordance with ARM 36.21.639
- Contact a Water Resource Specialist at the DNRC Water Resource Kalispell Regional Office by phone at (406) 752-2288, to determine how your well will be documented by the DNRC

This permit does not guarantee any well will produce an adequate quantity or quality of water.

Sanders County Environmental Health Tech

AS-BUILT SKETCH AND STATEMENT OF ACCURACY OF INSTALLATION

Landowner's name Mr & Mrs Peoples Trace

Permit number 24-174

I Jacob Holway, as the licensed installer or landowner for the following system have constructed or altered the septic system on the parcel referenced by the permit number above.

I do hereby declare that the **EXACT** specifications of the approved permit have been followed. Accompanying this statement is a copy of the county approved lot layout and my as-built sketch. My as-built sketch is included on another sheet of paper. **I understand that it is my responsibility to submit the above within 30 days of the completion of the system.**

INSTALLER'S SIGNATURE [Signature]

INSTALLER'S LICENSE NUMBER 21

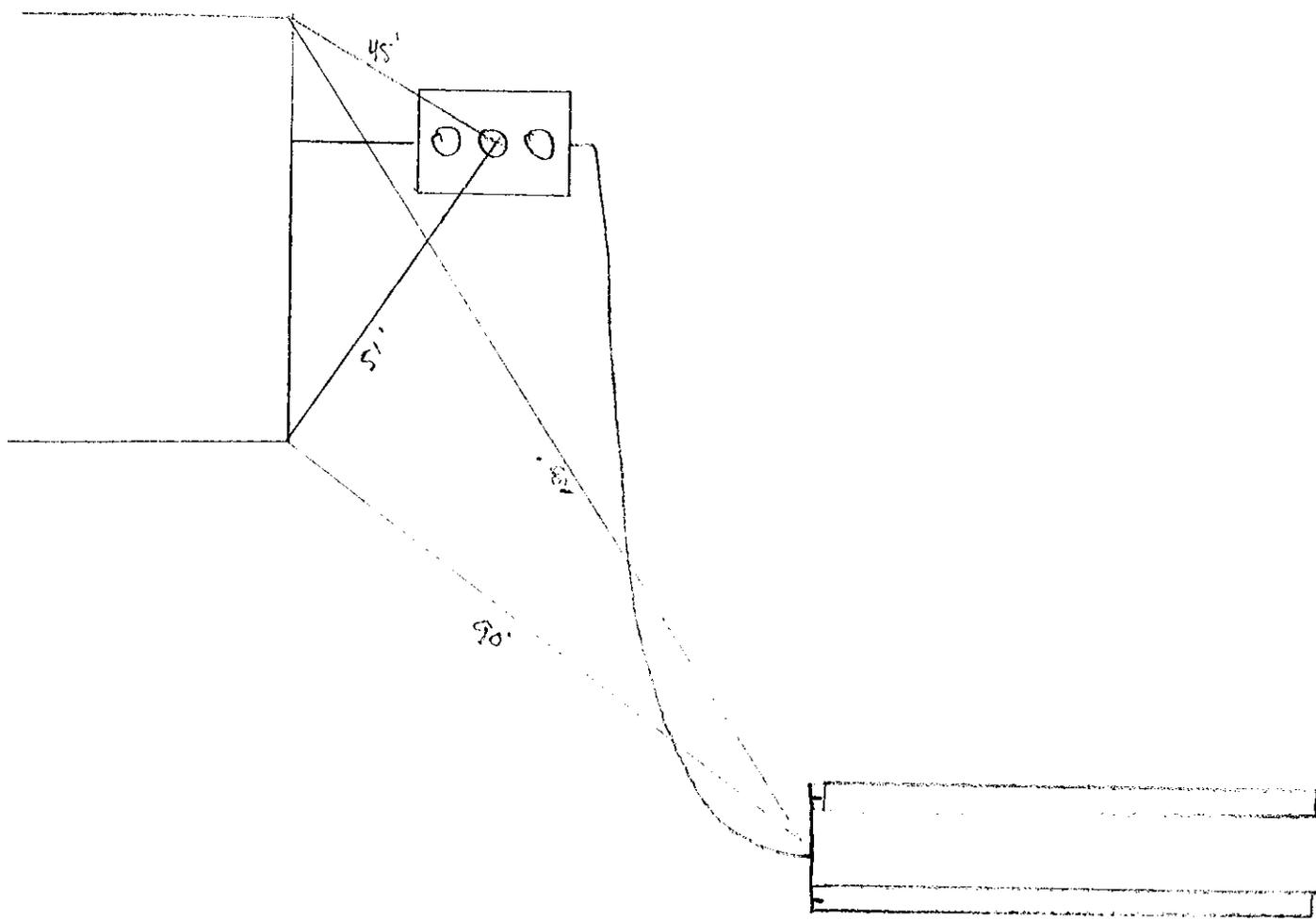
COMPLETION DATE OF SYSTEM 8/27/24

Checklist of as-built sketch:

- North Arrow
- Triangular measurements from two corners of house to tank access lid.
- Measurement of pipe from tank to D-box or Manifold
- All parcel boundaries
- Distance between the system and at least two parcel boundaries

Additional information needed (fill the blanks in with quantitative data):

- 85 Length of drainfield laterals
 - Pipe & Gravel
 - Infiltrators
- 2 Number of drainfield laterals
- 1500 combo Volume of septic tank
- Copy of Pump Specs if Pressurized



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Property
↑

8'
↓

11.5'
↓

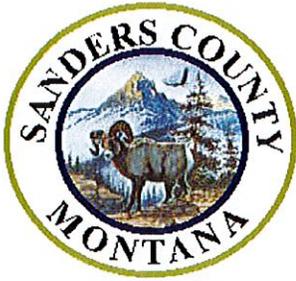
Well

45'

51.5'

82'

90'



SANDERS COUNTY

ENVIRONMENTAL HEALTH

Septic Inspection Checklist

Homeowner DRE Properties, Teece
 Location Lot 8, Hidden Meadows Way, Trout Creek
 Installer Jacob Helweg Present? L
 Approved Sanders County Septic Permit # 24-174
 Onsite: Foundation House Shop Other

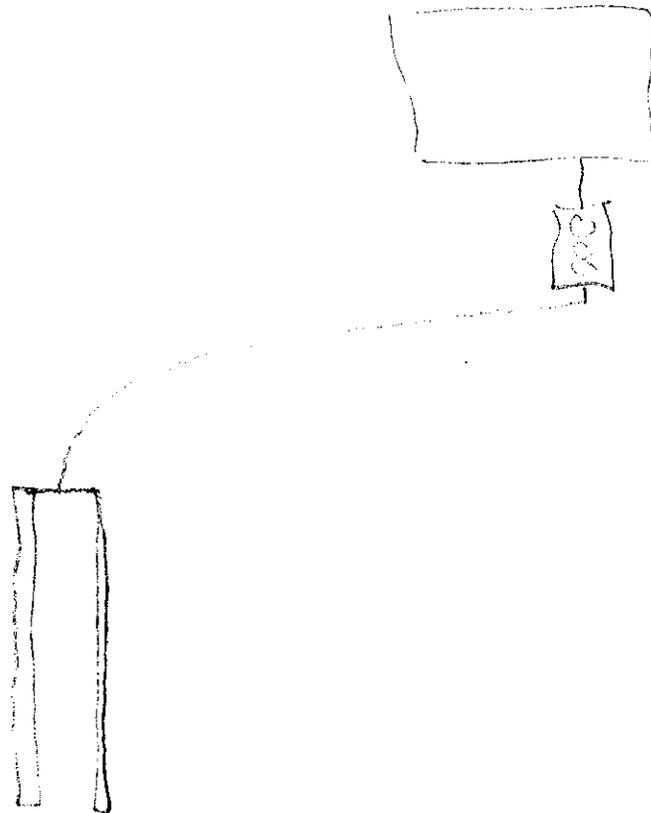
Septic Tank

- Lines into and out of septic tank is 4" Sch 40 PVC sewer pipe
- Slope is 1/8" to 1/4" per foot
- Cleanout as needed: within 3' of building; angles greater than 45°; every 100'; of solid pipe
- Tank is level and bedded adequately
- Concrete 1500 gallons Manufacturer TRRM
- Watertight inlet/outlet; minimum 4" diameter
- Vented tee or baffle at inlet
- Effluent filter; handle within 2" of access riser lid
- Risers over influent baffle effluent filter pump
- Tank and plumbing are at least 50 feet from any well

Drain Field

- Drain field in approved location
- Gravel & pipe Infiltrators Other
- Gravity (4" lines)? Pressure dosed lines (1 1/2 diameter)
- 36 Trench width
- 12 Trench depth, if more than 36", for what % of drain field
- NA Sand lined
- NA Min 6" drain rock at bottom of trench gravelless chambers
- NA Min 2" drain rock on top of pipe filter fabric or paper
- Trenches level Equal length
- Manifold; level
- OR**
- NA D-box; level? D-box; water tested? D-box: marked?
- Ends of distribution pipe capped or connected
- Pressure dosed system squirt test ok
- Pump and alarm installed
- Adequate replacement area
- Drainfield is at least 100 feet from any well, and mixing does not intersect well isolation zone

Lot Layout:



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Total drain field area _____

Additional notes & comments: _____

Install approved _____ Disapproved _____

Deficiencies: _____

Date 8/27/24 Inspector Sr/H