

JEFFERSON COUNTY ENVIRONMENTAL HEALTH OFFICE

Courthouse Annex: Box H Boulder, MT 59632
Sanitarian: Melissa Tuemmier, RS

Phone: 800-366-4251/406-225-4251
Phone: (406) 866-3293

On-Site Wastewater Treatment System Permit

PERMIT # 597-024

ISSUED TO: Jim & Shelley Conklio
ADDRESS: PO Box 719 Whitehall, MT PHONE: 287-7938
LEGAL DESCRIPTION OF PROPERTY: Eik Ridge Ranchettes I Lot # 24
SECTION 15 TOWNSHIP 30 RANGE 4W
ISSUED BY: Paul Riley R.S.
ISSUE DATE: 9/6/96 EXPIRATION DATE: 9/6/97

This permit is issued to the property owner based on information provided in the permit application. If any application information is found to be untrue, this permit shall be null and void. This system shall be installed in accordance with current Department wastewater treatment regulations and any special requirements provided for in this permit.

SYSTEM SPECIFICATIONS:

Primary treatment (septic tank):

1000 gallon concrete tank

Secondary treatment (drainfield):

260 lineal feet of drainfield based
on 4 bedrooms

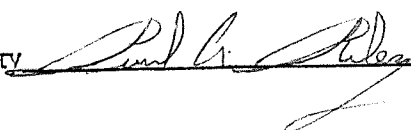
Special requirements (if applicable):

none

NOTIFY THIS DEPARTMENT AT LEAST 24 HOURS PRIOR TO COMPLETION OF SYSTEM INSTALLATION. DO NOT COVER SYSTEM UNTIL APPROVAL IS GRANTED BY HEALTH AUTHORITY.

INSPECTED BY: M Bullock EHT DATE: 9/5/97
INSTALLER: Troy Smith APPROVED? YES ☒ NO ☐
COMMENTS: 260 lineal feet of drainfield
installed. Looped system - Manifold end
≈ 4 feet deep but quickly raised to a depth
of 18-28". Nice drainrock, using cardboard as
cover.

Signature of Health Authority



Title



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Application for On-Site Wastewater Treatment System Permit

Property Owner's Name: JIMMY L & SHELLEY K CONKLIN
Current Address: P.O. BOX 719
City/State/Zip: WHITEHALL MT 59759 Phone: 406-287-7938
Legal Description of Property: S 1/2 OF THE SW 1/4 SECTION 15 TWP 3N, R6E 4W, PM.M.
Subdivision name and Lot #: ELK RIDGE I, PARCEL #24 Township MT. Range 37E CO.
Is the Certificate of Survey of this property filed with the Clerk & Recorder's Office? _____
Certificate of Approval #: _____ Book & Page #'s: _____
Property size (acres): 20.048 ACRES Property dimensions: 1312.58 X 665.60

SOILS INFORMATION:

Soil description (to 7 feet): HARD ROCKY SOIL
Is bedrock within 7 feet of surface? NO If yes, at what depth? _____
Percolation test results (in minutes per inch): 4 1/2"

GROUNDWATER INFORMATION:

Is groundwater within 7 feet of surface any time of the year? NO
If yes, depth from surface: _____
Is property subject to flooding or standing water? NO
Is absorption (drainfield) area located within 100 feet of a designated floodplain? NO

WATER SUPPLY INFORMATION:

Type of water supplying property (municipal, well, cistern, etc.): WELL
Name of municipal supply (if applicable): _____ Depth of well (if applicable): 360'
Any surface waters (streams, lakes, etc.) or wells within 100 feet of absorption field? NO
If yes, explain: _____

SEWAGE SYSTEM INFORMATION:

Type of system to be installed (check one): New ☒ Replacement _____
If replacement (check one): Tank only _____ Drainfield only _____
Extension _____ Total system _____

Treatment system to serve (check one):

Single family dwelling: ☒ # of bedrooms: 4
Multi-family dwelling: _____ # of units: _____
Commercial property: _____ Estimated sewage flow (gallons/day): _____

Name of Installer: WALTER WOODLAND Phone #: 287-3973
Lot layout must be provided (see back of this form)

The above information is true to the best of my knowledge and I understand that if any application information is found to be untrue, my application and permit will be invalid. I also understand that the permit fee may not be refundable. I further understand that inspection and approval of this treatment system does not constitute assumption by the Department or its representatives of liability for the failure of the system. I, as property owner, shall be responsible for the proper maintenance of the system and for abatement of any nuisance arising from its failure.

Signature of Property owner: JIMMY L CONKLIN

Date: 8/29/96

TO BE COMPLETED BY THE DEPARTMENT

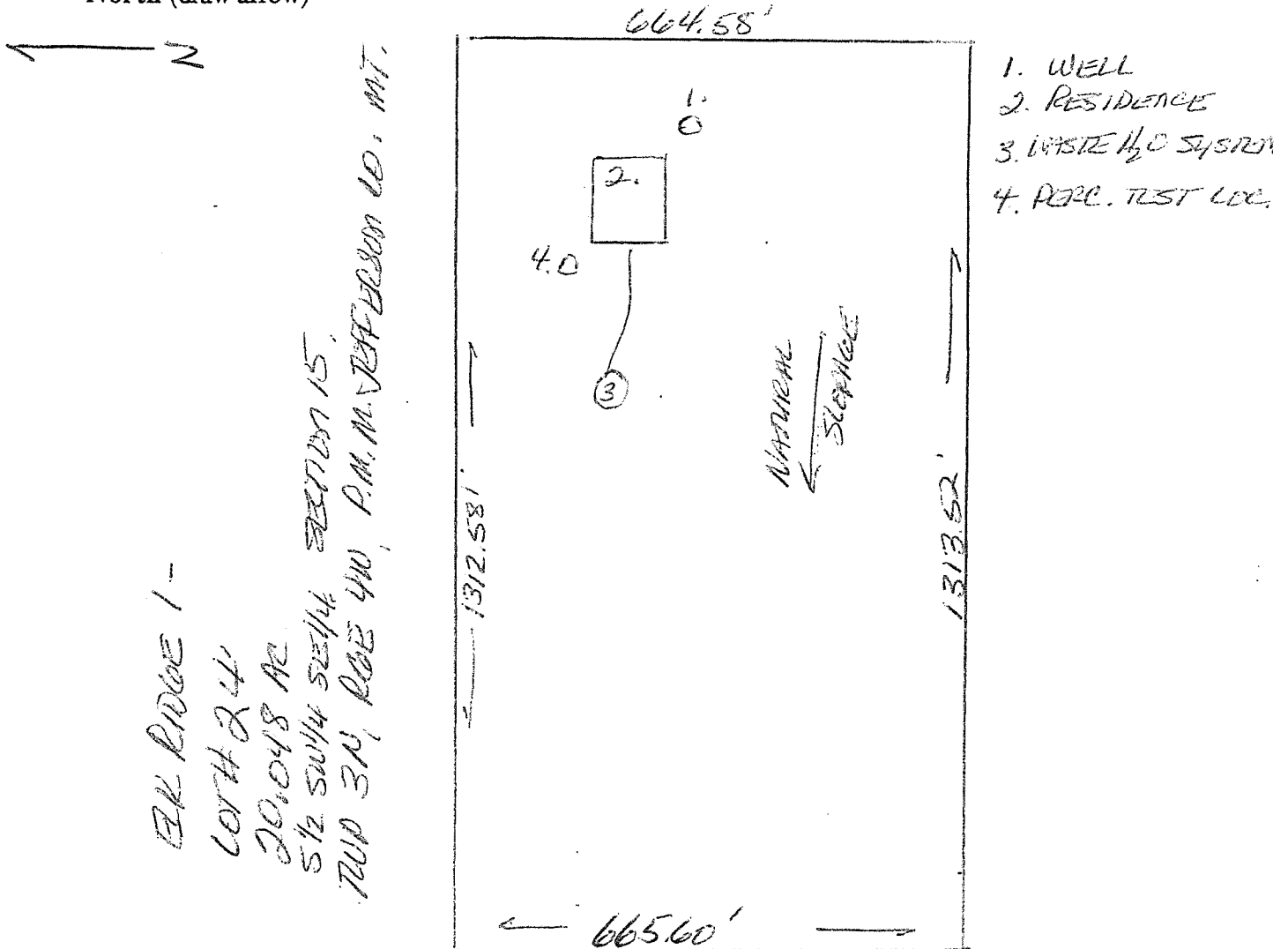
Fee paid: 75⁰⁰ (\$75/certified; \$125/non-certified)
Application approved? Yes ☒ No _____

Date received: 09/06/96
Permit number: 397-034

LOT LAYOUT

In the space below, sketch the proposed wastewater treatment system. Include the following: property boundaries; water supply location(s); drainages, natural waterways; all buildings; location of proposed system; percolation and test pit locations; direction and degree of slope in absorption (drainfield) area; designated replacement area. Measure and record distances from proposed system location and items identified in layout.

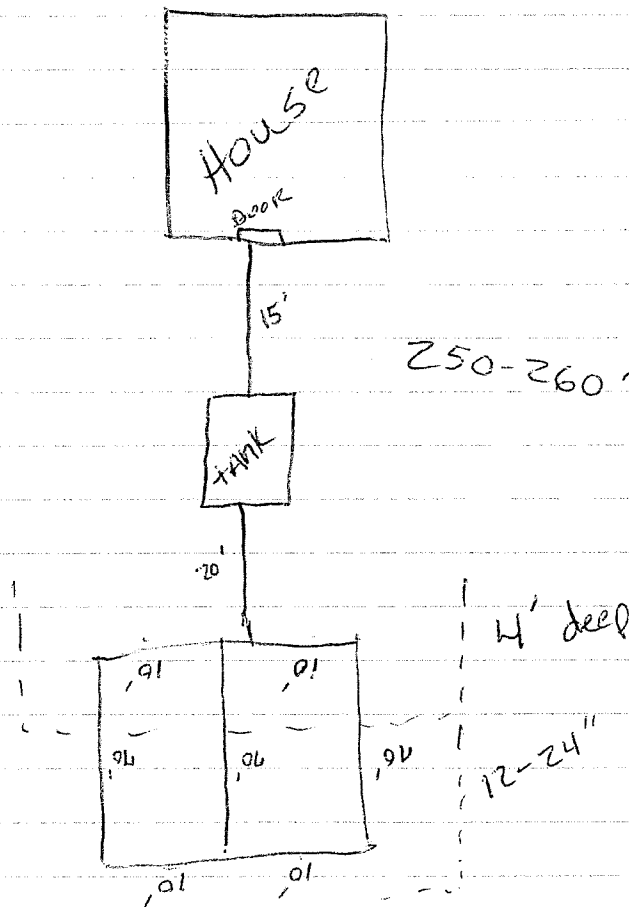
North (draw arrow)



Directions for locating property:

10 miles N-Whitehall on Whitehall Rd - R-on
Antelope - R-on WAPPEN L-ON TATUMKA TRAIL

Conklin
9/5/97



PERCOLATION (PERC.) TESTS

1. Choose locations for your perc. test holes that are representative of the proposed drainfield and alternate drainfield sites. **Avoid** the following conditions:

- a. Slopes in excess of 25 percent - stay at least 25 horizontal feet from such a slope, more than 25 feet if a road cut is part of the slope.
- b. A water table within 6 feet of the ground surface during the wet or high run-off season or during irrigation activity.
- c. Bedrock within 6 feet of the ground surface.
- d. Low areas where runoff may accumulate.

2. Dig or bore the perc. test holes 4 to 8 inches in diameter and 26 to 36 inches deep. Roughen or scratch the glazed sides and bottom of the hole to provide a natural surface. Place about 2 inches of gravel or coarse sand in the bottom to prevent scouring when the water is poured in (see figure below).

3. Place a reference marker, such as a nail or steel pin, into the side of the hole about 12 to 18 inches above the gravel.

4. Using clear water, keep the hole at least half full for at least 4 hours - overnight if possible. A water tank and an automatic siphon may be used to provide constant refilling, if necessary.

5. After pre-soaking the hole as described above, adjust the water depth to the level of the marker. Then measure how far the water level drops below the marker in a given period of time, say 10 minutes or longer. However, don't allow the water in the hole to get less than 6 inches deep.

6. Refill the marker and, using the same time interval used in #5 above, again measure how far the water drops. Repeat this process until at least 3 successive measurements show the same amount of drop. (Note: If any of the following conditions apply to your perc. test, consult your local sanitarian for additional information).

- a. The hole caved in when water was added.
- b. The water seeped away too fast to get an accurate measurement.
- c. The water would not seep away at all.

Time interval used (minutes): 20 min

Measurements of amount of drop (inches):

- | | |
|------------------|----------|
| 1. <u>5"</u> | 5. _____ |
| 2. <u>4 1/2"</u> | 6. _____ |
| 3. <u>4 1/2"</u> | 7. _____ |
| 4. <u>4 1/2"</u> | 8. _____ |

Test performed by: TIM CONKLIN 8/26/96
For: TIM CONKLIN

Location of property: BR RIDGE 1-

LOT #24

