

PERMIT NO. 1578

**APPLICATION FOR WASTEWATER TREATMENT SYSTEM PERMIT  
MADISON COUNTY**

Incomplete applications will not be processed. All permits are valid for 12 months from date of issuance. After that time, a \$25 fee will continue the permit for another year. The permit is void if the system is not installed within 24 months, and another must be purchased.  
PART A

1. Name of Property Owner Brian & Jennifer James  
 Address P.O. Box 652 ENNIS, MT 59729  
 Phone # (406) 682-7954
2. If the person completing this application is not the owner, give  
 Name of Applicant \_\_\_\_\_  
 Address \_\_\_\_\_  
 Phone # \_\_\_\_\_
3. Legal description and size of property: 1/4 1/4, Sec. \_\_\_\_\_, Township \_\_\_\_\_  
 Range \_\_\_\_\_, being 6.7 acres.
4. Authorized Road Address: Lot 173 2 Bumps Road  
 Please submit directions to locating property ENNIS MT Virginia City  
Ranches Subdivision
5. Name of Subdivision (if applicable): Virginia City Ranches  
 Lot, Tract or Parcel, Block: Lot 173  
 COS: \_\_\_\_\_
6. Type of Structure(s) to be served:  
 One single family dwelling  
 \_\_\_\_\_ Other (please describe)
7. Number of bedrooms in dwelling: 3  
 Estimated volume of wastewater produced: \_\_\_\_\_
8. Name of licensed installer: JDL Construction Sheridan, MT
9. Does the property have DEQ Approval:  
 \_\_\_\_\_ Yes and # \_\_\_\_\_ or \_\_\_\_\_ No (See Part C)  
 B. Does the property have any exemptions noted on plat  
 \_\_\_\_\_ Yes \_\_\_\_\_ (Type of Exemption)  
 No
10. A permit fee of \$ 105<sup>00</sup> in accordance with the Madison County Regulations for Wastewater Treatment Systems, is enclosed.
11. New system  Upgrade or Replacement \_\_\_\_\_

Return application to:  
Madison County Sanitarian, P.O. Box 278, Virginia City, MT 59755

James, Brian  
Ennis  
(Lot 173, V.C. Ranches)

13. Type of Water Supply and Wastewater Treatment System proposed:

PART C (Complete this section if the property does not have DEQ approval)

14. Name of Site Evaluator: \_\_\_\_\_  
Qualifications: \_\_\_\_\_

15. Give a description of the soil profile to a minimum depth of 7 feet.  
\_\_\_\_\_  
\_\_\_\_\_

16. Give the estimated depth to the seasonal high groundwater table and how this was determined \_\_\_\_\_  
\_\_\_\_\_

17. Give the results of 1 percolation test and show the location on the site plan. Perc test must be performed in the drainfield area. see attached - 70 lineal ft./bedroom

18. Nitrate/Nitrite background test results from closest well see attached *has water bottles*  
Specific conductance test results \_\_\_\_\_  
Please enclose well log

19. Show the direction and percent of land slope across the proposed absorption system on the site plan.  
\_\_\_\_\_

20. Is the property located in the Madison County Floodplain and/or evaluate the potential for flooding or accumulation of surface water.  
\_\_\_\_\_

Signature of Site Evaluator: \_\_\_\_\_ Date \_\_\_\_\_

PART D (For Department use only)

Type of Wastewater Treatment System required: \_\_\_\_\_

Minimum Requirements:

Septic Tank: Type and size: 1000 gal concrete / effluent filter  
Absorption Area: 70 Lineal ft. per bedroom

Comments: 70 lineal ft/bedroom - (210 Ft. total) - (3) 70' lines

Paid: 105- Cash Check # 6653 for Date of permit 4-12-02

Permit # 1578 Date 4-12-02 Madison County Health Dept.

Construction permit paid -- yes \_\_\_\_\_ no X Permit# \_\_\_\_\_ Amt. \_\_\_\_\_ Date \_\_\_\_\_

modular home

I hereby declare that the information above is true, complete and correct to the best of my knowledge. The wastewater treatment system will be installed according to the Madison County Regulations for Wastewater Treatment Systems and the DEQ. I acknowledge that the Madison County Health Department is not bound or obligated to guarantee this systems operation. I further agree to give a minimum of 24 hours notice for inspection of the system before it is backfilled.

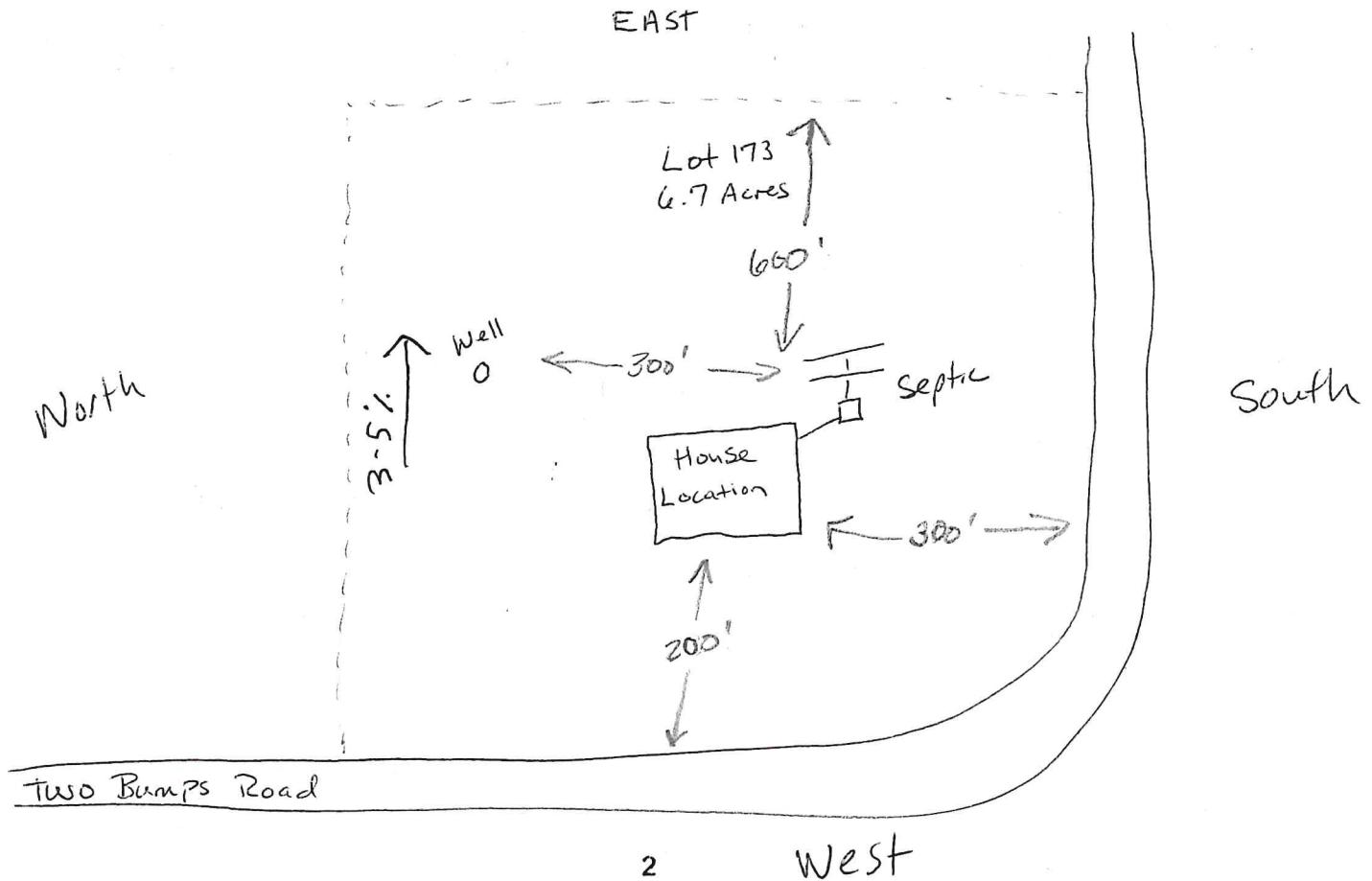
Brian  
Signature of Applicant

4/2/02  
Dated

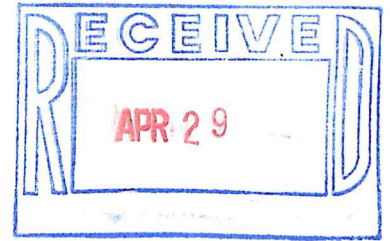
PART B

\*\*\* IMPORTANT \*\*\*

12. Application will not be accepted without any of the following site plan information. Must include shape and size of parcel, show all buildings, proximity to all water supplies which includes wells, open bodies of water, streams and floodplain within 100 feet of the property and show areas of high ground water, design of the wastewater treatment system, area for 100% replacement absorption system, location of house site, % and direction of slope



**MADISON COUNTY SANITARIAN'S OFFICE**  
 PO BOX 278 VIRGINIA CITY, MT 59755 408-843-4275  
 SANITARIAN: RALPH P. HAMLER, R.S.



**On-Site Wastewater Treatment System—Certified Installer Report**

PROPERTY OWNER: Brian James PERMIT # 001578  
 INSTALLER NAME: J.D.L. Const. Co. PHONE # 842-5112  
 SEPTIC TANK: size 1000 (gallons) type CONC. (concrete, plastic)  
 baffles: yes  no  type CONC. (concrete, pvc)  
 DISTRIBUTION SYSTEM: distribution box: yes  no  type PVC  
 Looped system: yes  no  Capped system: yes  no   
 lift station: yes  no  type \_\_\_\_\_  
 DRAINFIELD: number of laterals 3 length of each 70'  
 Total lineal feet 210' trench depth (average) 28"  
 Direction of slope EAST percent of slope 3%  
 Soil type (gravel, sand, clay, silt) SAND LOAM  
 Gravel size: (average) 2" inches Washed? yes  no   
 Under pipe: 6" inches Over pipe: 2 1/2" inches  
 Cover material: untreated building paper \_\_\_\_\_ or  
 2" compacted straw \_\_\_\_\_ or porous plastic filter fabric

**DISTANCE FROM WATER SOURCES:** (measured by installer)  
 Owner's water supply to: septic tank 200' drainfield 100'  
 Neighboring water supply to: septic tank 500' drainfield 400'  
 Surface waters (streams, lakes, irrigation) to: septic tank N/A drainfield N/A  
 Groundwater encountered? yes  no  at what depth? \_\_\_\_\_  
 Bedrock encountered? yes  no  at what depth? \_\_\_\_\_

I certify that this system meets the requirements of the permit issued by the department  
 Signature: Ralph P. Hamler Date: 4/24/02

**DIAGRAM SHOWING LOCATION AND SIZE OF SYSTEM AS INSTALLED:**

(Identify location of septic tank and drainfield with distances from 2 permanent features of the lot and location of wells, streams & property line) or use back side of this sheet

James

