

■ **ON-SITE WASTE DISPOSAL PERMIT** ■
COUNTY OF JOHNSON - STATE OF WYOMING

PERMIT NO. 418

AMOUNT \$ 50.00

This is to certify that the individual sewage disposal system located at 22 Johnson Creek Rd. Buffalo
Subdivision

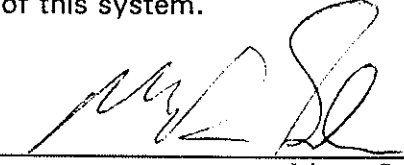
Lot NW 1/4 Sec. 18 Block T51N R82W Constructed for

DAVE HAYES.
installed by GAMMOND/owner date 8/17/98

has been designed, constructed, and installed in compliance with the minimum requirements of Johnson County Regulations. These regulations meet minimum requirements of D.E.Q. and this certificate does not warrant or otherwise guarantee the continued performance of this system.



Johnson County Sanitarian



Johnson County Health Officer

Dated this 18th day of Sept., 19 98.



GRIZZLY ENGINEERING

381 N. Main · P.O. Box 1004
Buffalo, Wyoming 82834
(307) 684-7029

May 1, 1997

Mr. Rick Durfee
Johnson County Sanitarian
76 North Main St.
Buffalo, WY 82834

Dear Rick:

Attached is the application with drawings for the septic system located at 22 Johnson Creek Road.

The system is designed for a three (3) bedroom home, or 450 gpd.

Three percolation tests were taken with the slowest of 8.93 min/inch used for design which translates to an absorption system loading rate (ASLR) of 0.656 gpd/ft². Therefore, the minimum square footage required for a conventional septic system is 686 ft². The equivalent number of Infiltrator Chamber Units required is 18 units in trench configuration. Both Infiltrator Chamber and Conventional Trench Systems were designed, giving the owner an option in installation.

If you have any questions, do not hesitate to contact me.

Sincerely,

Ty Ross

xc: Dave Hayes

Received
5/8/97

Check #5522

APPLICATION FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM
* JOHNSON COUNTY, WYOMING

TO: JOHNSON COUNTY SANITARIAN
76 NORTH MAIN
BUFFALO, WY 82834 PH: 307/684-7102

Applicant: Dave Hayes

Mailing Address: Route 1 Box 185

Flemington, WV 26347

Location of Facility: NW¼ Section 18, T 51 N, R 82 W
Address at site: 22 Johnson Creek Road
Subdivision: N/A, Block N/A, Lot N/A

Single Family Home: X, Number of Bedrooms: 3
Multiple Family Dwelling: , Number of Bedrooms:
Other Use: Description of Other:
Water Supply: Municipal: , Private Well X

Lot size and/or area: 9.994 Ac.±
Ground slope in disposal field area: Fair Northeasterly
Soil type: Sandy Loam

Percolation Test Results (min./inch):

1 6.33 ;, 2 6.49 ;, 3 8.93 ;, 4

Depth to seasonal high water table:

Depth to bedrock or impervious layer:

How were these determined:

Septic tank capacity and material: 1000 gallon Minimum (Concrete or Fiberglass)
Approx. Dimensions: (W) 4.5 ;, (L) 8.0 ;, (D) 6.5 ;
Type of inlet: PVC ;, Type of outlet: PVC

Disposal system: Bed ;, Trench X ;, Other ;
Description of other Both Infiltrator Chamber and Conventional Trench Systems were designed.

Bed Dimensions: (W) , (L)
Trench Dimensions : (No.) 3 , (W) 3' , (L) 36'*
Depth of washed rock below invert: 6"
Total infiltrative surface provided (sq. ft.): 720 ft² (Equivalent)
Depth from bottom of bed/trench to ground surface 2' - 3'

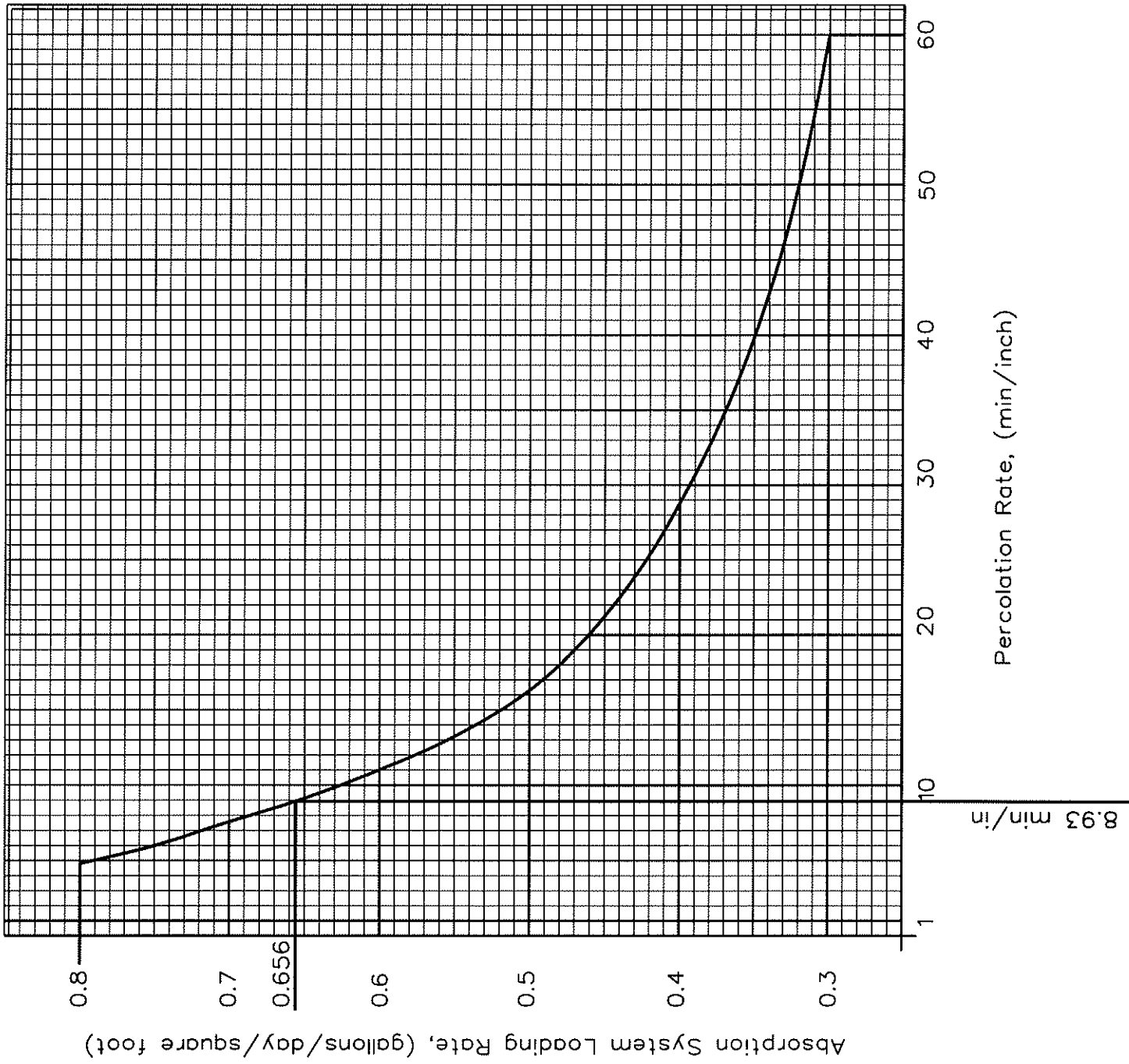
* Denotes length of Infiltrator Chambers.

Registered Engineer: Keith A. Neustel, WY PE&LS 2085
Engineering Firm: Grizzly Engineering
PO Box 1004
Buffalo, WY 82834
PH 307/685-7029

Applicant: 

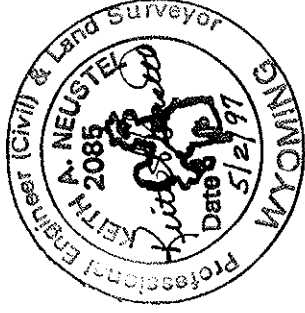
Date: 5-5-97

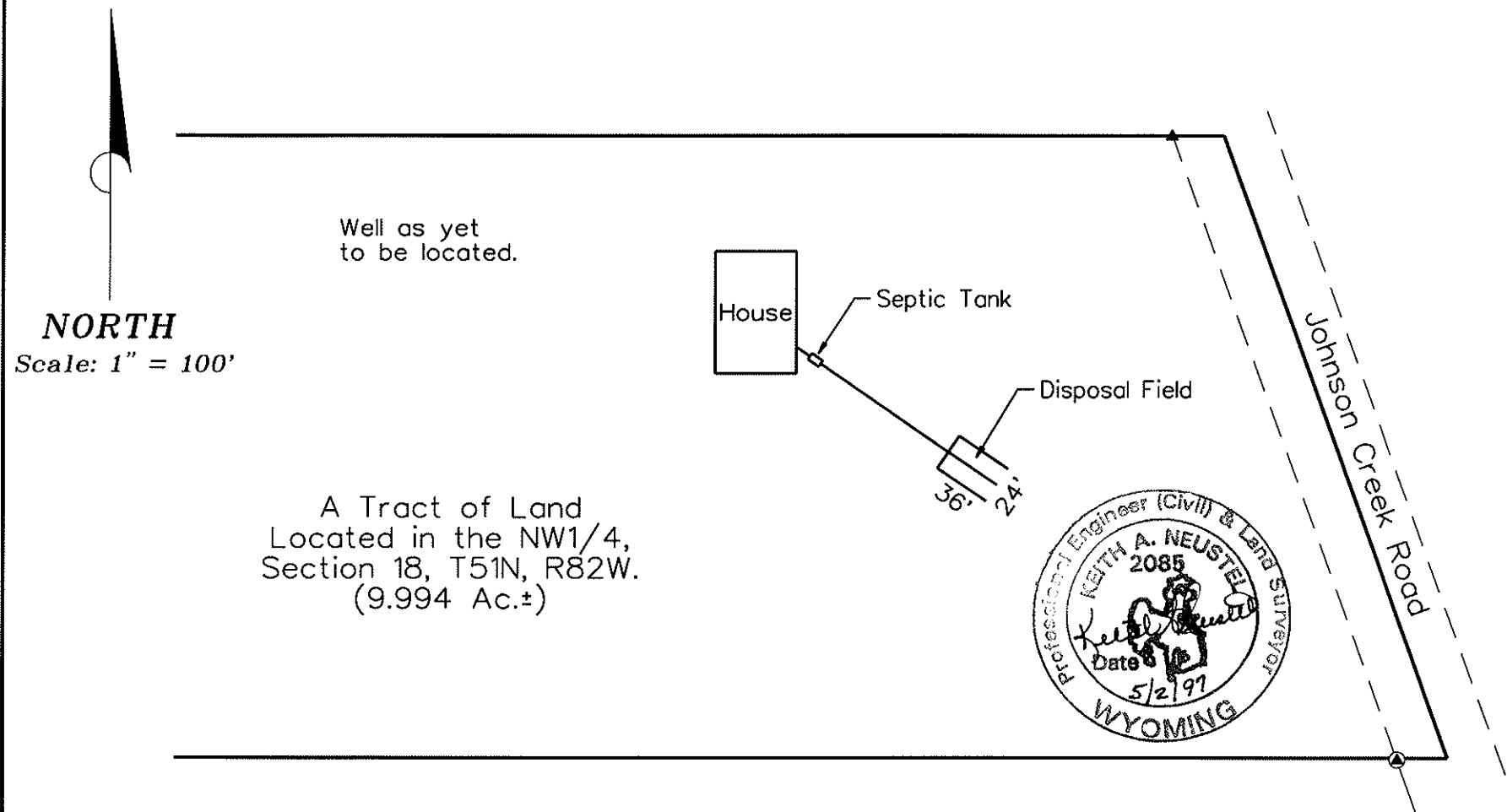
ABSORPTION SYSTEM LOADING RATE TABLE For Soil Absorption System Sizing



APPLICANT

Dave Hayes
22 Johnson Creek Road
Johnson County, WY





APPLICANT

Dave Hayes
22 Johnson Creek Road
Johnson County, WY

GENERAL NOTES

1. Septic tanks shall have the following minimum separation distances:
5 ft. from dwelling
50 ft. from any water well
50 ft. from waterways
25 ft. from water lines
10 ft. from property lines
2. Disposal field must meet the following minimum separation distances:
100 ft. from any water well
50 ft. from waterways
25 ft. from drinking water lines
10 ft. from dwelling or building
10 ft. from septic tank
10 ft. from property lines
3. All methods and materials used in septic system construction shall conform to the Wyoming Department of Environmental Quality, Water Quality Rules and Regulations, Chapter XI.

ADDITIONAL NOTES:

1. System shown is for Infiltrator Chamber Trench System.
2. Owner responsible to insure disposal field is 4 feet above groundwater and/or bedrock.
3. Replacement area between trenches and to the Northeast.
4. Well shall be a minimum of 50 feet from septic tank and a minimum of 100 feet from the disposal field.
5. A minimum distance of 15' shall be maintained between the disposal field and any break in slope over 25%.
6. Dimensions of Disposal Field as noted on this sheet denote centerline of trenches.

PLAN SHEET

DESIGNED: TSR
DRAWN: TSR
REVIEWED: KAN



DAVE Hayes
JOHANSON Co. 8/12/98



DAVE Hayes - 8/17/98
JOHANSON Co.



DAVE Hayes
JOHANSON Co. 8/17/98