

INSPECTION TO BE  
PRINTED OR TYPED

Mineral County HEALTH DEPARTMENT

County: Mineral

## ON-SITE SEWAGE DISPOSAL SYSTEM INSPECTION FORM

Permit No.: ST-021-03-040

Tax Map: \_\_\_\_\_ Parcel #: \_\_\_\_\_

County Road: Tony Creek

Name of Owner: DAVID Keith Moore Installer: Terry L. Kosner

Address: Rt 1, Box 90-C, Burlington, WV 26710

Property Location: Beaver Run Rd to Tony Cuck Rd, 2nd driveway on left, metal gate to top of hill

Type of Facility : Residence Facility is: New ( ) Existing (X) Lot Size: 49.8 Sq.-Ft./Acres

Design Loading in gpd/No. Bedrooms: 2 Source of Water Supply: Well

## SEWAGE TANK COMPONENT

Capacity in Gallons: 1000 Material: Concrete Manufacturer: St Aggs

Distances (in feet) of Tank to: Dwelling: 26' Private (☒) / Public ( ) Water Source: SS' Property Line: 710'

## ON-SITE DISPOSAL SYSTEM

Class I Systems: Standard Soil Absorption Trenches ( ) or Bed ( ) Gravelless Pipe (x), Diameter: 10 Inches  
Chamber Soil Absorption Trenches ( ) or Bed ( )

Class II Systems: Pumped/Dosed Soil Absorption Trenches ( ) or Bed ( ) Evapotranspiration Trenches ( ) or Bed ( )  
Shallow Soil Absorption Trenches ( ) or Bed ( ) Other: \_\_\_\_\_

No. of Lines: 2 Length (in feet) of Each: 100, 100, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Width of Trenches: 36 inches/feet      Depth to Bottom of Field: 24 inches

If Bed, Dimensions (in Feet): \_\_\_\_\_ If Chamber System, Name: \_\_\_\_\_, No. of Units: \_\_\_\_\_

Approved and Adequate Materials Used? Yes (x) No ( ) Size Equates to: 600 Square Feet of Standard Gravel Field.

Distances (in feet) of System to: Dwelling: 81' Private ☒/Public ☐ Water Source: 110' Property Line: >10'

Remarks: \_\_\_\_\_

An inspection indicates that the sewage disposal system described above  
**DOES MEET (X),**  
**DOES NOT MEET ( ),**  
**CANNOT BE DETERMINED TO**  
**MEET ( )** the minimum standards established by the West Virginia Bureau of Public Health.

To correct a health hazard, modifications to existing systems may be done to improve part of a system. Such modifications may not be able to be designated as a does meet system since inadequate information is known.

Although many factors contribute to the successful functioning of a sewage disposal system, this office recommends water conservation and maintaining an even usage of water throughout the week.

**Sketch of Installation with Triangulation or Distance to Specific Landmarks:**



Draw Arrow  
toward North

See sketch of system on back.  $\Rightarrow$

Visit Date(s): 10-28-02

Final Inspection Date: 11-19-02

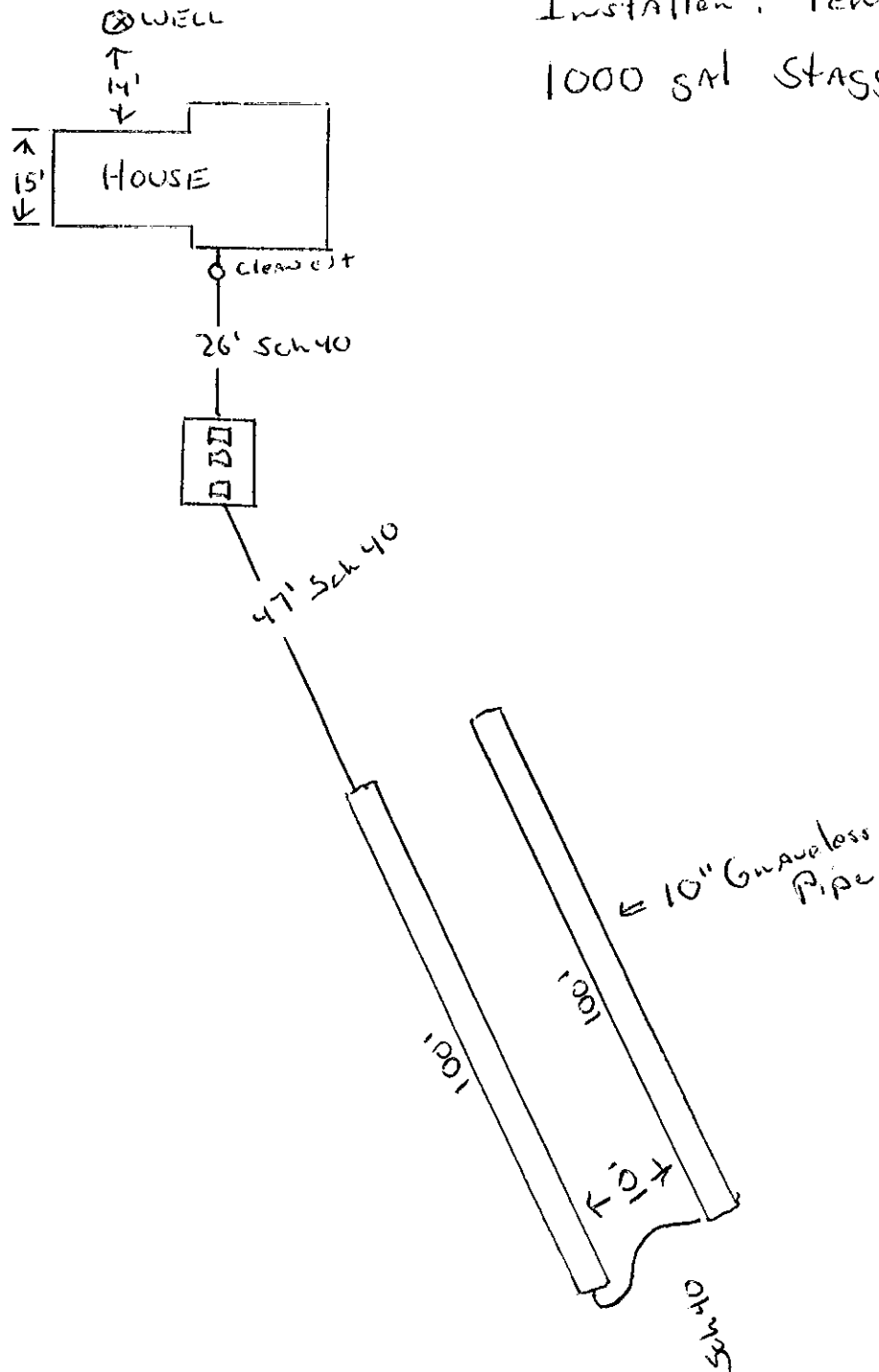
Sanitarian: William R. Muhl RS

DAVID K. MOORE

11-19-02

Installer: Tenny Koswen

1000 gal STAGGS Tank



Trenches 36" wide

PERMIT TO BE  
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STATE OF WEST VIRGINIA  
Mineral County HEALTH DEPARTMENT  
ON-SITE SEWAGE DISPOSAL SYSTEM PERMIT

Permit No.: ST - - -  
Tax Map \_\_\_\_\_ Parcel # \_\_\_\_\_  
County Road No.: Tony Cook

Owner: David Keith Moore  
Address: Rt 1, Box 90-C  
Burlington, WV 26710

Certified Installer: Terry L. Kesner  
Address: Rt 2, Box 48-A  
Burlington, WV 26710

You are hereby issued a permit to: ☒ install, or ☐ modify an on-site sewage disposal system located:  
Beaver Run Road to Tony Cook Road, 2nd driveway left metal gate  
to top of hill

Facility: Residence Design Flow: 2 BR Lot Size: 49.8 Sq. Ft./Acres Water Source: Well

BASED UPON REVIEW OF THE INFORMATION OF YOUR SUBMITTED APPLICATION, DATED \_\_\_\_\_, AND THE PROPER INSTALLATION OF THE HEREIN DESCRIBED SYSTEM, THE SYSTEM SHALL BE IN COMPLIANCE WITH APPLICABLE WEST VIRGINIA SEWAGE SYSTEM RULES AND DESIGN STANDARDS.

**The sewage system shall consist of a:**

- ☒ Septic tank - Capacity: 1000 gallons or more, Constructed of: concrete.
- ☒ Soil disposal system with a minimum equivalency of 500 square feet of conventional gravel trench area.  
Depth to the bottom of the trench or bed installation shall be: 30 inches from original ground surface.
- ☒ Gravel system: Lengths of lines: 84, 84, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ feet, Width: \_\_\_\_\_ inches.
- ☐ Chamber system: Number of units: \_\_\_\_\_, Length of lines: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ units,  
Manufacturer of chamber: \_\_\_\_\_.
- ☐ Bed system: ☐ Gravel, ☐ Chamber; Length: \_\_\_\_\_ feet, Width: \_\_\_\_\_ feet.
- ☐ Other: \_\_\_\_\_

This permit is non-transferable and automatically expires 12 months after issue date.

This permit is **NULL and VOID** when official inspection reveals conditions different than those stipulated on the permit or facts are later found that would indicate non-compliance with applicable rules.

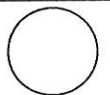
All systems must be inspected and approved prior to being covered with earth or placed into use.

**The applicant or his agent must notify this department:**  
48 hours or more prior to planned inspection time.

October 29, 2002  
Issue Date

Mineral 788-1321  
County Office / Phone Number

Sketch of system:



Draw Arrow  
Toward North

See Application

**Additional specifications**  
**on reverse:**

Health Officer or Sanitarian

## ON-SITE SEWAGE SYSTEM PERMIT SUPPLEMENT

The following specifications are presented as a summary of common minimum design requirements applicable to the installation and approval of an on-site sewage disposal system. This form is intended to be a general supplement to a permit, and does not include all conditions relevant to a specific site. Should the owner or certified installer have any concerns, you are encouraged to phone the sanitarian who issued the permit.

1. Conventional on-site sewage disposal systems may be installed by a West Virginia Certified Class I Installer, Conventional systems, including privies, are limited to gravel, chamber or gravelless pipe soil absorption systems, installed no shallower than eighteen (18) inches in the ground, and relying upon gravity flow for distribution. All other systems are to be installed by a Certified Class II Installer.

2. The installation inspection shall be made prior to cover and landscaping. Adequate notification for the final inspection shall be given to the local health department. It is recommended that the final cover and landscaping with seeding be done as soon as possible

3. No part of the system shall be located within 25 feet of a public water supply line, or within 10 feet of a private water supply line, unless protected by a method approved in advance by the health department.

4. A septic tank, vault privy or other sewage tank shall be located a minimum of 50 feet from a private well or ground water source. A minimum of 100 feet is required if water source is downhill of such units.

5. Absorption fields, serial distribution systems, absorption beds, mound systems and other soil absorption systems shall be located to comply with the following distances:

Minimum Distance	FEATURE
10 feet	Building, foundation, or property line
10 feet	Foundation drain upslope from disposal area
20 feet	Stream banks and other open drainage features, whether manmade or natural
20 feet	Manmade cuts in soil and curtain drains
20 feet	Foundation drains downslope from the disposal area
50 feet	Manmade cuts which intersect rock or shale
100 feet	Water supply springs and water supply wells

6. The slope of the piping from the facility to the tank shall be 1/8 th inch per foot, or greater. The piping from the tank to the soil absorption field shall have a minimum drop of 6 inches to a level ground system and a minimum of 10 inches to a sloping ground system. The bottom in each trench or bed and the soil absorption field piping or chambers in each trench or bed shall be level, with zero (0) degree slope.

7. Gravel or aggregate, if used, shall fall within a sizing of 1/2 - 2 1/2 inches in diameter. Such media shall not be less than 6 inches under the 4 inch distribution piping, and not less than 2 inches covering the piping. Hay, straw or untreated paper shall be used to cover the gravel or aggregate prior to inspection by the sanitarian.

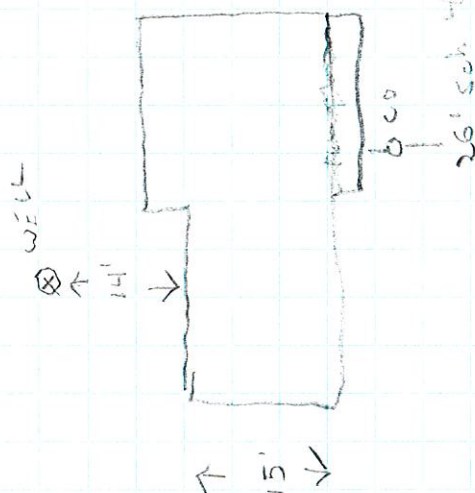
8. In chamber systems, the sides are to be "walked in," but the ends are not to be backfilled for the inspection. The chambers shall be installed in accordance with the manufacturer's specifications, or equivalent, including appropriate splash blocks, screws to secure sections and ends and similar requirements.

9. Absorption trenches shall approximate the ground surface contour to minimize depth variation.

10. \_\_\_\_\_

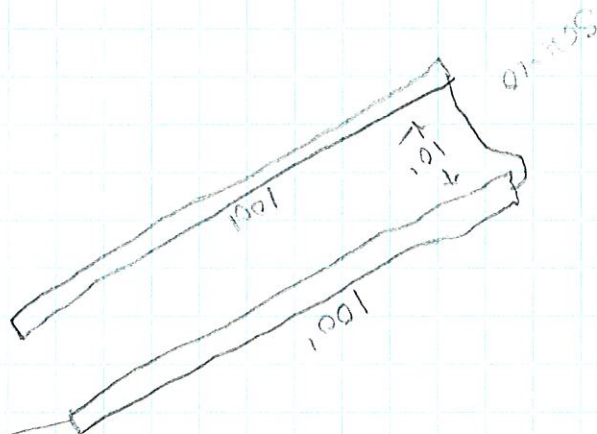
1000 gal Storage Tank

2 14  
15  
26  
47  
102



Trenches  
26" dia

47' dia 40'



DAVID MOORE  
11-19-02  
Trenches



## STATE OF WEST VIRGINIA

PERMIT TO BE  
PRINTED OR TYPED

MINERAL COUNTY HEALTH DEPARTMENT  
ON-SITE SEWAGE DISPOSAL SYSTEM PERMIT

Permit No.: ST - 029- 03- 040  
Tax Map \_\_\_\_\_ Parcel # \_\_\_\_\_  
County Road No.: Tony Cook

Owner: David Keith Moore  
Address: Rt. 1, Box 90-C  
Burlington, WV 26710

Certified Installer: Terry L. Kesner  
Address: Rt. 2, Box 48-A  
Burlington, WV 26710

You are hereby issued a permit to: ☒ install, or ☐ modify an on-site sewage disposal system located:

Beaver Run Road to Tonny Cook Road, 2nd driveway on left, metal gate to top of hill.

Facility: residence Design Flow: 2 bdr. Lot Size: 49.8 Sq. Ft./Acres Water Source: well

BASED UPON REVIEW OF THE INFORMATION OF YOUR SUBMITTED APPLICATION DATED \_\_\_\_\_, AND THE PROPER INSTALLATION OF THE HEREIN DESCRIBED SYSTEM, THE SYSTEM SHALL BE IN COMPLIANCE WITH APPLICABLE WEST VIRGINIA SEWAGE SYSTEM RULES AND DESIGN STANDARDS.

**The sewage system shall consist of a:**

- ☒ Septic tank - Capacity : 1000 gallons or more, Constructed of: concrete.
- ☒ Soil disposal system with a minimum equivalency of 500 square feet of conventional gravel trench area.
- Depth to the bottom of the trench or bed installation shall be: 30 inches from original ground surface.
- ☒ Gravel system: Lengths of lines: 84, 84, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ feet, Width: 36 inches.
- ☐ Chamber system: Number of units: \_\_\_\_\_, Length of lines: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ units,  
Manufacturer of chamber: \_\_\_\_\_.
- ☐ Bed system: ☐ Gravel, ☐ Chamber; Length: \_\_\_\_\_ feet, Width: \_\_\_\_\_ feet.
- ☐ Other: \_\_\_\_\_

This permit is non-transferable and automatically expires 12 months after issue date.

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**The applicant or his agent must notify this department:**  
48 hours or more prior to planned inspection time.

Sketch of system:



Draw Arrow  
Toward North

See application.

October 29, 2002  
Issue Date

Mineral/304-788-1321  
County Office / Phone Number

**Additional specifications  
on reverse:**

Barbara J. Smith  
Health Officer, or Sanitarian

## ON-SITE SEWAGE SYSTEM PERMIT SUPPLEMENT

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2. The installation inspection shall be made prior to cover and landscaping. Adequate notification for the final inspection shall be given to the local health department. It is recommended that the final cover and landscaping with seeding be done as soon as possible

3. No part of the system shall be located within 25 feet of a public water supply line, or within 10 feet of a private water supply line, unless protected by a method approved in advance by the health department.

4. A septic tank, vault privy or other sewage tank shall be located a minimum of 50 feet from a private well or ground water source. A minimum of 100 feet is required if water source is downhill of such units.

5. Absorption fields, serial distribution systems, absorption beds, mound systems and other soil absorption systems shall be located to comply with the following distances:

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50 feet	Manmade cuts which intersect rock or shale
100 feet	Water supply springs and water supply wells

6. The slope of the piping from the facility to the tank shall be 1/8 th inch per foot, or greater. The piping from the tank to the soil absorption field shall have a minimum drop of 6 inches to a level ground system and a minimum of 10 inches to a sloping ground system. The bottom in each trench or bed and the soil absorption field piping or chambers in each trench or bed shall be level, with zero (0) degree slope.

7. Gravel or aggregate, if used, shall fall within a sizing of 1/2 - 2 1/2 inches in diameter. Such media shall not be less than 6 inches under the 4 inch distribution piping, and not less than 2 inches covering the piping. Hay, straw or untreated paper shall be used to cover the gravel or aggregate prior to inspection by the sanitarian.

8. In chamber systems, the sides are to be "walked in," but the ends are not to be backfilled for the inspection. The chambers shall be installed in accordance with the manufacturer's specifications, or equivalent, including appropriate splash blocks, screws to secure sections and ends and similar requirements.

9. Absorption trenches shall approximate the ground surface contour to minimize depth variation.

10. \_\_\_\_\_



PLEASE PRINT:

STATE OF WEST VIRGINIA  
M. J. J. County HEALTH DEPARTMENT  
 APPLICATION FOR A PERMIT TO INSTALL OR MODIFY  
 A SMALL ON-SITE SEWAGE DISPOSAL SYSTEM

Property Owner: DAVID KEITH MOORE Certified Installer: Terry J. Kerner Class: ☐ I ☒ II  
 Address: RT 1 Box 90 C Address: RT 2 Box 48 A  
Burlington WV 26710 Burlington, WV 26710 Phone: 284-3428  
 Phone: (home) 304 289 3426 (business) \_\_\_\_\_ Installer No.: 54-98-A-1203 WV Contractor's No.: 027664

Directions to property: Beaver Run Rd to Terry Cook Rd 2nd drive way on left  
middle gate go through go to top of hill cabin  
 Proposed facility to be served: \_\_\_\_\_ (Please provide specific and detailed directions)

☐ Residence, No. of bedrooms: 2 No. of individuals served: 3

☐ Other, \_\_\_\_\_

Facility served is: ☒ New ☐ Existing Water Source: Well

Property deed recorded in Book No.: 304 Page(s): 914

Date the property deed was recorded: 8/22/2001

If lot or tract created after July 1, 1970, please refer to Subdivision box. →

The minimum lot size or area reserved for a sewage disposal system in a subdivision may vary based on the date the subdivision was created.

Subdivision name: \_\_\_\_\_ Approval number: \_\_\_\_\_

County tax map: \_\_\_\_\_ Parcel No.: \_\_\_\_\_

Size of Lot: 49.8 square feet (acres)

Unless the division of a tract, lot or parcel results in lots in excess of two acres and in which those lots have an average frontage of 150 feet or more, permits for individual sewage disposal systems shall be withheld until a completed application for the subdivision is approved which indicates that such systems may be expected to comply with applicable design standards on all proposed building lots contained within the original tract.

To the best of my knowledge, the information provided with this application is true and I understand that I am responsible for employing a properly certified and licensed sewage system installer and for informing that installer of the existing or proposed locations of any water sources and property lines. I further understand that it is my responsibility to consult the sanitarian for assistance as necessary and to determine the location of any existing water sources or water supply lines.

(Signature of the owner or authorized agent)

Application is herein made to: ☒ Install ☐ Modify a/an:

☒ Septic Tank ☒ Absorption Field ☐ Alternate System ☐ Other: \_\_\_\_\_

Soil percolation tests were conducted on 10/19/02, at a depth of 18-24 inches.

The time, in minutes, for the final 6 inch drop in each test hole is as follows:

Test Hole:	#1	#2	#3	#4	6 feet hole free of Water and solid rock
Time:	<u>120</u>	<u>120</u>	<u>54</u>	<u>54</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Times given for each percolation test hole are to be added together to give a total number of minutes: \_\_\_\_\_, then the total shall be divided by 24 in order to give the average time for a one inch drop: 14.5 (minutes per inch).

The undersigned certifies that the percolation test was conducted by the owner, or a certified installer, using approved procedures as outlined in the Design Standards. In the event that the percolation rate has received previous approval in a subdivision application to the health department, the owner's signature shall certify acceptance of the percolation test results for purposes of system design.

Signed: Terry J. Kerner, on this date: 10/21/02

Reverse of form must be completed.

**The proposed sewage system shall consist of:**

Septic Tank: Capacity: 1000 gallons Material: Pre Cast Manufacturer: Stagg's  
 Absorption Field: Equivalent to 900 square feet of conventional gravel trench system.  
☒ Trench System: No. of Lines: 3, Lengths: 100, 100, 100, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ feet.  
☒ Gravel Trench Width: 36 inches, or Gravelless Pipe Diameter: 10 inches,  
☐ If Chamber System: Manufacturer: \_\_\_\_\_, Number of Chambers: \_\_\_\_\_.  
☐ Soil absorption bed: Requires an oversizing of bottom surface area by 30%.

If soil absorption bed, Length: \_\_\_\_\_ feet by Width: \_\_\_\_\_ feet, or if Chamber System,  
 Manufacturer: \_\_\_\_\_, Number of Chambers: \_\_\_\_\_.

**Distances (to nearest):**

Septic Tank to: Building Foundation: 20 feet, Property Line: 1000<sup>+</sup> feet, Water Supply: 50 feet.  
 Absorption Field to: Building Foundation: 50 feet, Property Line: 1000<sup>+</sup> feet, Water Supply: 100 feet.

**Materials:**

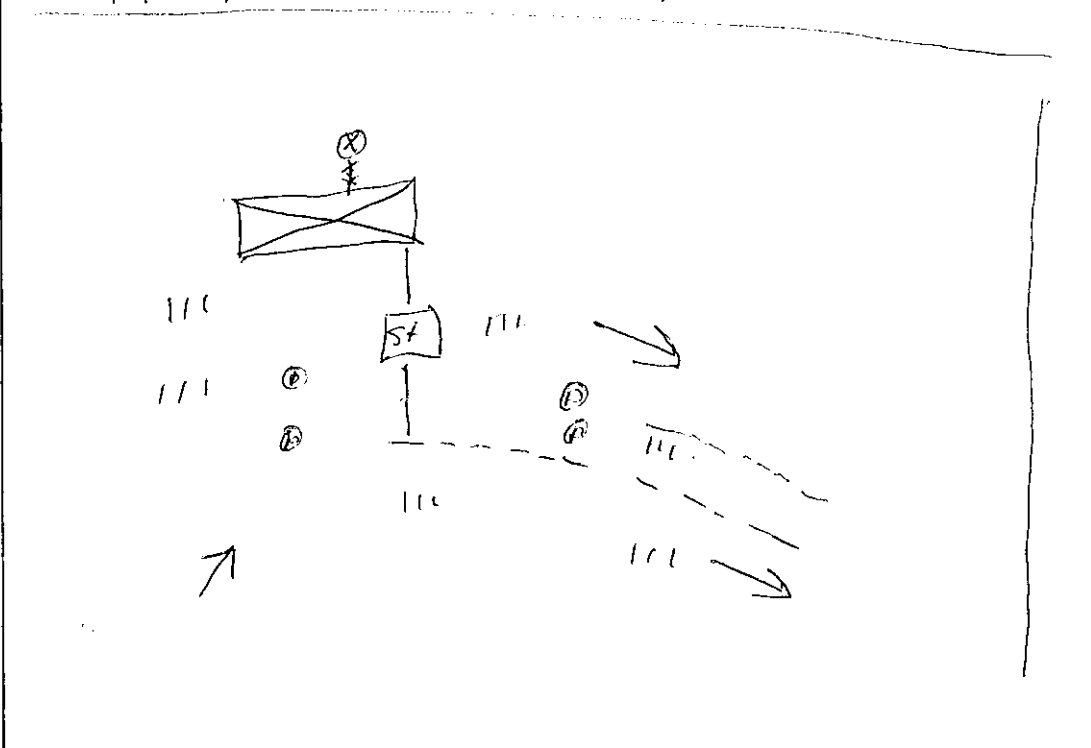
The installation or modification of all parts of the sewage disposal system, including required material standards, shall be done in compliance with applicable design standards issued by the Public Health Sanitation Division, Office of Environmental Health Services, and appropriate manufacturer's recommended procedures and practices.

Signature of Certified Installer or Owner-Installer: Jerry J. Koser

Draw a sketch of the property showing existing or proposed well locations that would be within 200 feet of the proposed on-site sewage system, location of structures, and property line locations.

- Direction of ground slope
- Ⓟ Percolation test site
- Property line
- ⊠ Residence or facility served
- ST Septic Tank
- - Soil absorption lines
- |||| Trees
- ⊗ Water source
- ✱ Water supply line

Sketch of proposed system:



Show all structures or facilities to be served by on-site sewage system on the lot or tract.

**FOR HEALTH DEPARTMENT USE ONLY:**

Date Received: 10-21-02

Date Site Evaluated: 10-28-02

Received From: J. Koser

COUNTY: Mineral

Coordinates: N \_\_\_\_\_ W \_\_\_\_\_

Reviewed by: W.W. Date fee paid: 10-21-02

Permit: ☒ Issued ☐ Denied Permit No.: \_\_\_\_\_

*Mineral*  
~~Hampshire~~  
**HEALTH DEPARTMENT**  
**APPLICATION FOR A PERMIT TO CONSTRUCT, MODIFY**  
**OR ABANDON A WATER WELL**

**PLEASE PRINT:**Property Owner: DAVID K MOORECertified Driller: B.W. Smith Well Drilling - Mark SmithAddress: RT 1 Box 90 CAddress: HC 86 Box 2-A SpringfieldBurlington WV 26710WV 26763 Phone: 822-4786Phone: (home) 304 289 3126 (business) \_\_\_\_\_Driller Certification No.: 001 WV Contractor's No.: WV000223Directions to property: Tony Cook Road

(Please provide specific and detailed directions)

Proposed facility to be served:

Facility served is

☒ Residence, No. of bedrooms: 1 No. of individuals served: 1☐ New☐ Other \_\_\_\_\_☐ ExistingProperty deed recorded in Book No.: 304 Page(s): 914 Date the property deed was recorded: 8-22-2001Subdivision name: Hendricksville Cabin Run Lot #: \_\_\_\_\_ Section #: \_\_\_\_\_County tax map: 21 Parcel No.: 0036 0003 0008 Size of Lot: 48.5966 Square feet/acres

To the best of my knowledge, the information provided with this application is true and I understand that I am responsible for employing a properly certified and licensed well driller and to inform that driller of existing property lines and points of potential contamination. I further understand that it is my responsibility to consult the sanitarian for assistance as necessary and to determine the location of any existing or potential points of contamination.

*David K Moore*  
(Signature of the owner or authorized agent)

Water well will be ☒ constructed ☐ modified and will be used for ☒ potable water. ☐ water exploration ☐ abandoned or other purposes: \_\_\_\_\_

Type of Casing: 6 5/8 O.D. SteelType and Method of Grouting: pressure with Bentonite

If abandoning well, Abandonment Method: \_\_\_\_\_

Distance of Well from Potential Sources of Contamination:

Streams, Rivers & Impoundments _____	Sewers & Drains (non-watertight) _____	Privies (vault) _____
Sewage Absorption Fields <u>100</u>	Sewers & Drains (hydrostat. tested) _____	Sewage Holding Tank _____
Septic Tank <u>100</u>	Barnyard/Feeding/Watering Area _____	
Other: _____		

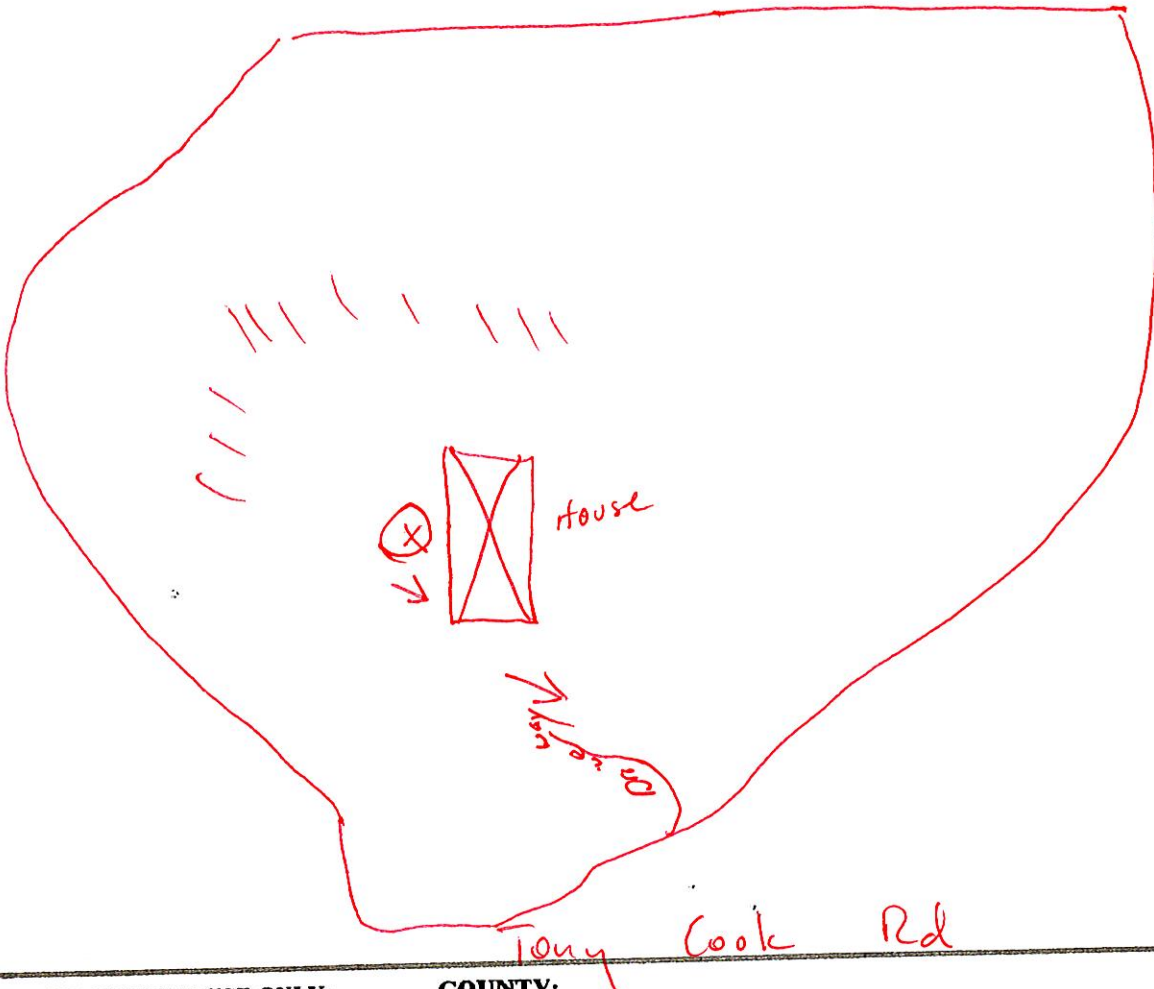
Distance to Property Line: 15'

I certify that the installation or modification of all parts of the well, including required material standards, shall be done in compliance with applicable design standards issued by the Public Health Sanitation Division, Office of Environmental Health Services, and appropriate manufacturer's recommended procedures and practices.

Signature of Driller: *B.W. Smith*Date: 4/20/02

se draw a sketch of the property showing existing or proposed well with locations, and distance to structures, existing or proposed sew-  
ms within 200 feet of well location, slope of site and lot dimensions. Locate and show distances to animal pens, barnyards or any other facto-  
sh can be a possible source of contamination for the water supply.

House	⊗	Water Supply	Ⓟ	Percolation Test Site
Soil Absorption Line	→	Dir. Of Ground Slope	_____	Property Line
Trees	ST	Septic Tank	MH	Mobile Home



**FOR HEALTH DEPARTMENT USE ONLY:**

**COUNTY:** \_\_\_\_\_

Date Received: \_\_\_\_\_

Coordinates: N \_\_\_\_\_ W \_\_\_\_\_

Date Evaluated: \_\_\_\_\_

Reviewed by: \_\_\_\_\_ Date fee paid: \_\_\_\_\_

Received From: \_\_\_\_\_

Permit: ☐ Issued ☐ Denied Permit No.: \_\_\_\_\_