

**STATE OF WEST VIRGINIA**  
**GREENBRIER COUNTY HEALTH DEPARTMENT**  
**ON-SITE SEWAGE DISPOSAL SYSTEM PERMIT**

Permit No.: **ST - 13-99B-233**

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

County Road No.: \_\_\_\_\_

**PERMIT TO BE  
PRINTED OR TYPED**

**Owner:** FRANK HARDY  
**Address:** PO BOX 1715  
LEWISBURG, WV 24901

**Certified Installer:** GEORGE N LYNCH  
**Address:** P. O. BOX D-766  
WHITE SUL. SPGS., WV 24986

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

CHESTNUT FLATS

**Facility:** RESIDENCE **Design Flow:** 3 **Lot Size:** 111 A **Sq. Ft./Acres** **Water Source:** SPRING

BASED UPON REVIEW OF THE INFORMATION OF YOUR SUBMITTED APPLICATION, DATED 06/27/2000, 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 : 1,000 gallons or more, Constructed of: CONCRETE.
- ☒ Soil disposal system with a minimum equivalency of 750 square feet of conventional gravel trench area.  
 Depth to the bottom of the trench or bed installation shall be: 24" - 30" inches from original ground surface.
- ☐ Gravel system: Lengths of lines: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ feet, Width: \_\_\_\_\_ inches.
- ☒ Chamber system: Number of units: 22, Length of lines: 11, 11, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ units,  
 Manufacturer of chamber: BIO DIFFUSERS.
- ☐ 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:**  
24 hours or more prior to planned inspection time.

06/27/2000

Issue Date  
**GREENBRIER 645-1539**

County Office / Phone Number

Sketch of system:



Draw Arrow  
Toward North

**Additional specifications  
on reverse:**

**Michael K. Eltzroth**

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. \_\_\_\_\_



SS 192A 7/96

PLEASE PRINT:

## STATE OF WEST VIRGINIA

GREENBRIER

HEALTH DEPARTMENT

## APPLICATION FOR A PERMIT TO INSTALL OR MODIFY

## A SMALL ON-SITE SEWAGE DISPOSAL SYSTEM

PAID CHECK # 1796

OF CH. H.

PERMIT

DATE

6-27-00

Property Owner: Frank HardyCertified Installer: Lynch Const. Co. Inc. Class: ☒ I ☐ IIAddress: P.O. Box 1715Address: HC 70 Box 187 White Sulphur Spgs W.LEWISBURG WV 2490124986Phone: 536-Phone: (home) 645-1610 (business) 575-5968Installer No.: 54-76-0232 WV Contractor's No.: WV001825Directions to property: Chestnut Flats111 ACRES

## Proposed facility to be served:

(Please provide specific and detailed directions)

☒ Residence, No. of bedrooms: 3 No. of individuals served: 2☒ Other, 1 bath - shopFacility served is: ☒ New ☐ Existing Water Source: SpringProperty deed recorded in Book No.: 459 Page(s): 394Date the property deed was recorded: NOV 16, 1999

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: \_\_\_\_\_ 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.

Frank A. Hardy Jr.  
(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 6-2-00, at a depth of 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>86</u>	<u>60</u>	<u>90</u>	<u>120</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: 356,then the total shall be divided by 24 in order to give the average time for a one inch drop: 24 (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: Henry Lynch, on this date: 6-6-00

Reverse of form must be completed.



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

Septic Tank: Capacity: 1000 gallons Material: Concret Manufacturer: Gbr. Mem. Vault

Absorption Field: Equivalent to 750 square feet of conventional gravel trench system.

☐ Trench System: No. of Lines: \_\_\_\_\_, Lengths: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ feet.

☒ Gravel Trench Width: 120 inches, or Gravelless Pipe Diameter: \_\_\_\_\_ inches,

☒ If Chamber System: Manufacturer: Hancor, Number of Chambers: 22.

☐ Soil absorption bed: Requires an oversizing of bottom surface area by 30%.

Both If soil absorption bed, Length: 75 feet by Width: 10 feet, or if Chamber System, Manufacturer: Bro. Riff, Number of Chambers: 22.

**Distances (to nearest):**

Septic Tank to: Building Foundation: 100 feet, Property Line: 1000 feet, Water Supply: 1000 feet.

Absorption Field to: Building Foundation: 120 feet, Property Line: 1000 feet, Water Supply: 1000 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.

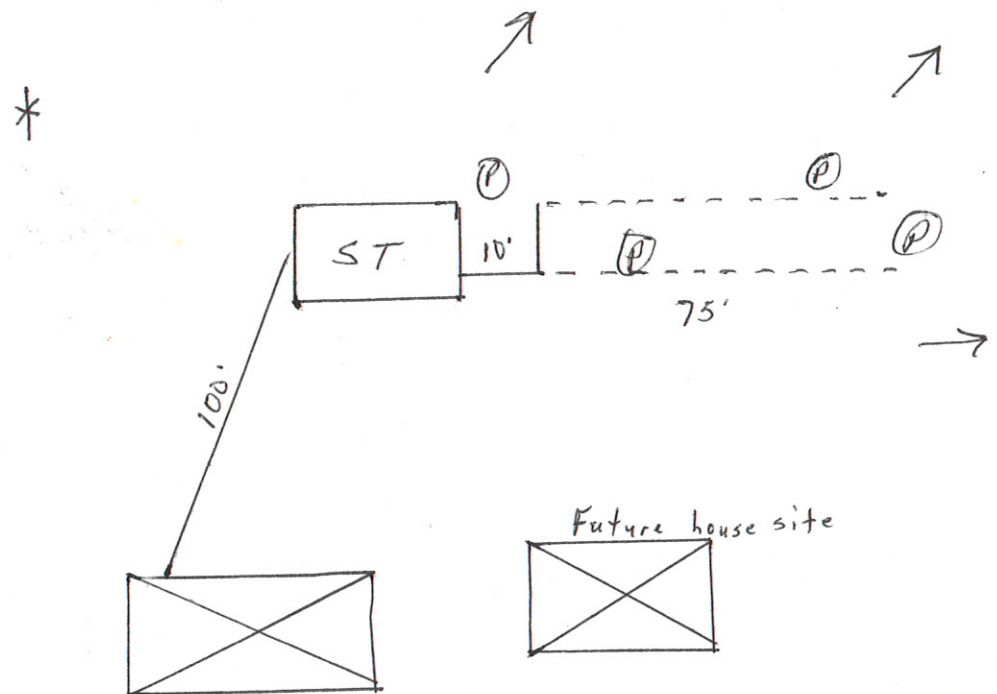
Signature of Certified Installer or Owner-Installer: Henry Lynch

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

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

Sketch of proposed system:



**FOR HEALTH DEPARTMENT USE ONLY:**

Date Received: 6-27-00

Date Site Evaluated: 6-05-00

Received From: Mail - Hardy

COUNTY: Gbr.

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

Reviewed by: Mk. Elguth Date fee paid: 6-27-00

Permit: ☒ Issued ☐ Denied Permit No.: ST-13-99B-233