

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GROUND WATER PROTECTION
PERMIT FOR CONSTRUCTION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM**

Issued to: <u>FLATT, DON</u> Owner, Developer, Contractor, Installer, Etc. Location: <u>CUMBERLAND COVE UNIT 4</u> <u>WOODACRES DRIVE BLOCK 28</u> <u>LOT 17</u> Installation: ☒ 1. New Installation ☐ 2. Repair to Existing System Establishment: ☒ 1. Residential: # Bedrooms <u>2</u> ☐ 2. Other: _____ (specify) _____ Gal/Day _____	Evaluation Based Upon: ☐ 1. Soil typing by Soil Scientist ☐ a. General ☐ b. High Intensity ☐ c. Extra High Intensity ☐ 2. Soil Percolation Test ☐ 3. Environmental Specialist Estimated Absorption Rate: <u>GEATHER MPI</u> Approval based upon: Statute No. T.C.A. 68-221-403 ☐ (c) Percolation test ☒ (d) Grandfather clause, Current standards except those specified ☐ (f) 12" (karst) and 6" (non-karst) buffer required	Type of System: ☒ 1. Conventional ☐ 2. Low Pressure Pipe ☐ 3. Mound ☐ 4. Lagoon ☒ 5. Large Diameter Gravelless Pipe ☐ a. Sand backfill required ☐ 6. Other _____ ☐ (i) 9" buffer required (24"-36" total soil depth) ☐ (k) Grandfather clause — meets June 30, 1990 standards (repair only) ☐ Other _____
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This system shall consist of a two compartment septic tank holding 750 MIN gallons, with 250 linear feet in 5 1/2 trenches, 36 inches wide and 24* inches deep. (Depth of gravel: 12 inches)

*** DO NOT EXCEED 24" TRENCH DEPTH**

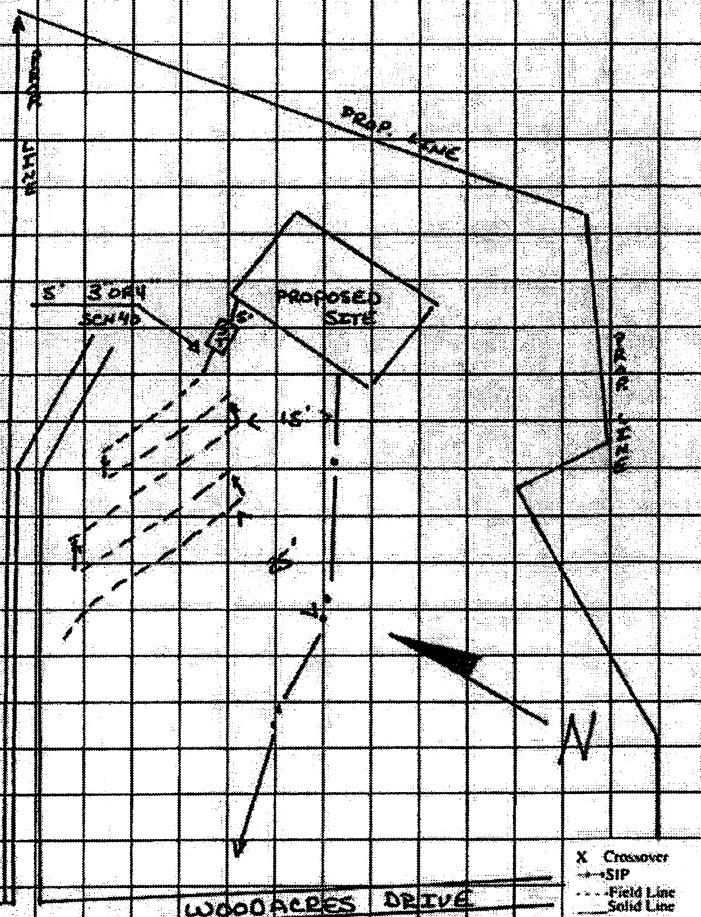
All installers of subsurface sewage disposal systems must hold a valid annual license from the Tennessee Department of Environment and Conservation.

The recipient of this permit agrees to construct or have constructed the above described system in accordance with T.C.A. 68-221-401 et. seq. and The Regulations To Govern Subsurface Sewage Disposal Systems. If any part of the system is covered before being inspected and approved, it shall be uncovered by the recipient at the direction of personnel of the Department of Environment and Conservation. Any cutting, filling or alterations of the soil conditions on the aforementioned property after this day may render this approval null and void.

Issued at CROSSVILLE Tennessee, in CUMBERLAND County
 By Brian Houston E.S. IV Date 10 JUNE 2003
 (Name and Title) (Date of Issue)

This permit is valid for 3 years from date of issue.

- Notes
- " SYSTEM IS FOR AN APPROVED SUBDIVISION WITHOUT ADEQUATE AVAILABLE SOILS OR PERCOLATION DATA. 68-13-403 (d)(3). "
 - " THE DRIVE MUST ENTER ALONG THE DRIVE AS SHOWN. "
 - " SHOOT GRADES AND ADJUST F.L. TO CONTOUR OF GROUND. "
 - " INSTALL F.L. AS SHOWN FROM THE DRAINS. "
 - " IF LOGP IS USED 12" OF COVER MUST BE MAINTAINED OVER THE PIPE. "
 - " IF LOGP IS USED GRAVEL BACKFILL MUST BE PLACED AROUND THE PIPE. THE STRIKE ON TOP OF THE PIPE MUST BE VISIBLE. "



This is a permit to construct and is not intended to imply approval of any work proposed or completed on this lot.





CERTIFICATE OF COMPLETION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM

Issued to: FLATT, DON
 Owner, Developer, Contractor, Installer, Etc.
 Location: CUMBERLAND COVE UNIT 4
BLK 28
LOT 17
WOODBONES DRIVE

Type of system

- (☒) 1. Conventional
 () 2. Low Pressure Pipe
 () 3. Mound
 () 4. Lagoon
 () 5. Large Diameter Gravelless Pipe
 (a) Sand backfill required Yes () No ()
 () 6. Other:

FSTC -1000 WINCHESTER - TN Septic Tank

(type)

(volume)

N/A

Estimated Absorption Rate

(minutes per inch)

(☒ New Installation

() Repair

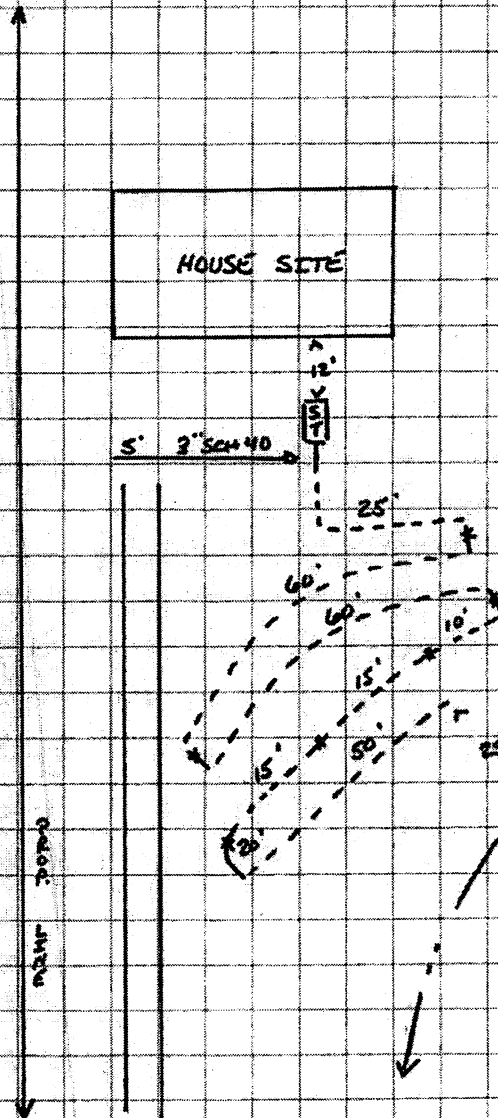
() Other

Installed by:

STACY DANIELS BACKHOE

" SYSTEM IS FOR AN APPROVED SUBDIVISION WITHOUT ADEQUATE AVAILABLE SOILS OR PERCOLATION DATA 68-13-403 (d)(3)."

- OUTLET 7'4"
- LINE 1 8'0" TO 8'4"
- HUMP 8'4"
- LINE 2 10'11" TO 11'3"
- HUMP 11'3"
- TRANSIT MOVED
- LINE 3 7'5" TO 7'5"
- HUMP 7'5"
- LINE 4 9'10" TO 10'1"
- IN LINE HUMP 10'1"
- LINE 4 10'4" TO 10'8"
- IN LINE HUMP 10'8"
- LINE 4 10'9" TO 11'1"
- HUMP 11'1"
- LINE 5 13'8" TO 13'8"



Construction Approved By:

Brian Houston
 (Name and Title)

E.S. IV

31 MAY 2005

(date)



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
APPLICATION FOR GROUND WATER PROTECTION SERVICES

1. SERVICE REQUESTED: (check service)	APPLICANT COMPLETE QUESTIONS:	FEES DUE	PTBMIS CODES V689 Code Supp/Code
Septic System Construction Permit			
Dwelling	2, 3, 4, 7, 8, 9	\$	78064 Yes
Commercial: gpd	2, 3, 4, 7, 8, 9	\$	78064 Yes
System Modification	2, 3, 4, 7, 8, 9	\$	78064 Yes
Repair	2, 3, 4, 7, 8, 9	\$	78032
Inspection Letter	2, 3, 5, 7, 8, 9	\$	78030
Water Sample			
Total Coliform	2, 3, 6, 7, 8, 9	\$	78036 Yes
Fecal Coliform	2, 3, 6, 7, 8, 9	\$	78038 Yes
Alternative System Permit*		\$	78068
Large Conventional System Plan Review*		\$	78090
Large Alternative System Plan Review*		\$	78090
Experimental System Plan Review*		\$	78072
Subdivision Evaluation: Lots: *		\$	78084
Soil Mapping: Type Acres *		\$	Yes
Installer Permit: Type(s) *		\$	78026 Yes
Pumper Permit*		\$	78028
Plat Approval - Individual Lot		\$	78029
Domestic Septage Disposal Site Permit		\$	78031

*Applicant may review these service requests with Environmental Specialist prior to processing application.

2. LANDOWNER: Donna Flett APPLICANT: Same ORIGINAL OWNER: _____
Names: _____ Name: _____
Address: 16508 Hwy 70 N Address: _____
Monterey TN 38504
Day Phone: 931 839 7453 Day Phone: (931) 839 7711

3. LOCATION OF LOT OR SITE: a) In a subdivision? Yes b) Name: Cumberland Cove
b) Non-Subdivision Give specific directions and address to the lot or site: _____
Unit 4
Box 28
Lot # 17

4. FOR SSDS PERMIT ONLY: a) Size of lot 1.6 Ac b) Number of Bedrooms 2
c) How many occupants? 2 d) Excavated Basement? Yes _____ No X
e) Basement Plumbing Fixtures? Yes _____ No _____
f) Amount of water used monthly (gallons) 2
g) Water Supply: Public X Well _____ Spring _____
h) Is the lot staked? yes If not, date it will be staked: _____
Is the house staked? yes If not, date it will be staked: _____
i) Installer, if known: Roger Qualls

5. FOR INSPECTION LETTER ONLY: Will pick up _____ Please mail _____
a) Age of house _____ b) Is house vacant? _____ How long? _____
c) Original sewage system inspected _____
d) Date of previous repairs _____ Inspected _____
e) Is waste water "backing up" into plumbing fixtures? _____ Surfacing on the ground? _____
f) All waste water including washing machines routed into septic tank _____

6. FOR WATER SAMPLE ONLY: a) Source of Supply: Spring _____ Well _____
b) Is there an outside faucet? _____ c) Is the source chlorinated? _____
d) For Wells: Is the casing 6" above the ground? _____ Is a sanitary seal on the casing? _____

7. MAKE A ROUGH SKETCH ON BACK OF THIS WHITE PAGE SHOWING DIRECTIONS TO PROPERTY, PROPERTY LINES, HOUSE SITE, WELL LOCATION, SPRING LOCATION, PLANNED DRIVEWAY AND UTILITIES.

8. ALL FEES DUE IN ADVANCE AND ARE NON-REFUNDABLE (except upon appeal). See Fee Schedule on reverse. Make check payable to: **TREASURER, STATE OF TENNESSEE**

9. I certify that the above information is true and correct to the best of my knowledge, and that I have been authorized by the above named landowner to submit this Application for Environmental Services to the Division of Ground Water Protection.

DATE: 6/4/03 SIGNATURE: Donna Flett AMOUNT PAID: \$ 200.00 RECEIPT NUMBER 298985
ck. 596
UE

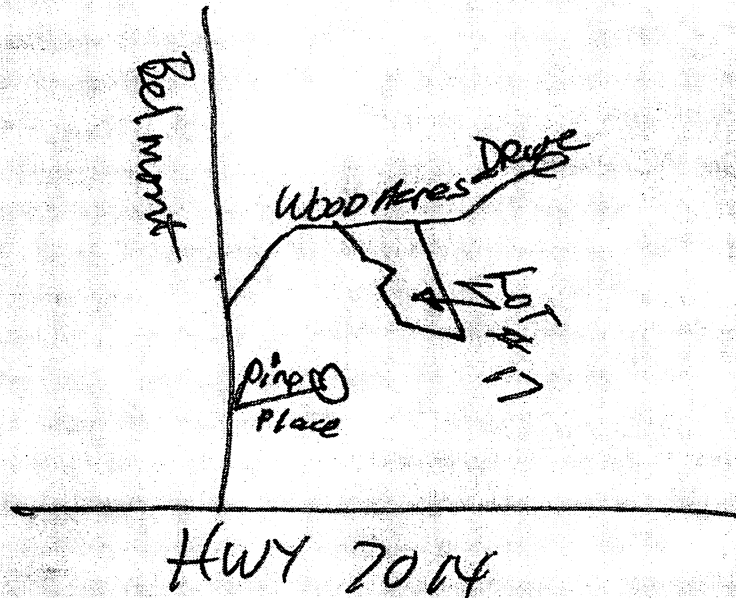
White: File Canary: Owner

CN-0971 (Rev. 6-01) RDAs 2321 and 2403

FEE SCHEDULE

		PTBMIS SUPP/CODE
Evaluation for Conventional, LDGP or Chamber Septic System Permit	\$200.00 up to 1000 gpd \$100.00 for each additional 1000 gpd or portion thereof	78066
Repair	\$None	
Inspection Letter	\$200.00	
Subdivision Evaluation	\$ 40.00 per lot	
Water Samples:		
Total Coliform	\$ 50.00	78036P
Fecal Coliform	\$ 100.00	78036P
Soil Mapping:		
General Intensity	\$ 80.00 per acre — \$ 80.00 minimum	78078
High Intensity	\$130.00 per acre — \$130.00 minimum	78040
Extra High Intensity	\$200.00 per acre — \$200.00 minimum	78042
	(Minimum is for each separate acre or part of acre to be mapped)	
Alternative System Application Processing	\$300.00 up to 1000 gpd \$150.00 for each additional 1000 gpm or portion thereof	78071 78070
Large Conventional or Large Alternative Plan Review	\$600.00 per proposed system	
Experimental System Application Processing	\$500.00	
Pumper Permit	\$200.00	
Installer Permit	\$200.00 for conventional, LDGP and chamber \$100.00 for each alternative system	78080
Plat Approval — Individual Lots	\$ 40.00 per lot	78029
Domestic Septage Disposal Site Permit	\$400.00	78031

SKETCH



Official Use:

File Search

Absorption Rate _____ At Depth _____

Percolation Rate _____ At Depth _____

Other Requirements _____



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GROUND WATER PROTECTION

FIELD ACTIVITY REPORT

Person Contacted:

Name: STACY DANIELS Phone: () _____

Location: CUMBERLAND CONE UNIT 4 BLK 28 LOT 17
WOODBACRES DRIVE

Owner: DON FLATT Phone: () _____

Address: _____

- ☐ Property Owner
☒ Installer
☐ Developer
☐ Realtor
☐ _____

- ☐ Complaint
☐ Technical Assistance
☐ Enforcement
☒ FINAL INSPECTION

NOTES AND REMARKS:

BKH

19 MAY 2005 - MADE SITE VISIT TO DO FINAL INSPECTION. FOUND THE FOURTH
LINE TO HAVE TOO MUCH FALL (ALMOST 12"). IN-LINE CROSS-OVERS
WILL HAVE TO BE INSTALLED. SHOWED THE INSTALLER WHERE TO
PLACE THE IN-LINE CROSS-OVERS.

BKH

23 MAY 2005 - MADE VISIT TO DO FOLLOW-UP INSPECTION. THE F.I. WERE SITED
IN AND THE IN-LINE CROSS-OVERS HAD WASHED OUT. THE SYSTEM
WAS RED TAGGED.

Brian Houston
Environmental Specialist

CUMBERLAND
County

Date