

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH _____ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE *UNKNOWN* IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Norman E. Cline, Jr + Juanita E Cline

DAYTIME PHONE 301-829-1825 CELL 301-471-3380 FAX 301-829-2903

MAILING ADDRESS 18703 PENN SHOP RD. MTAIRY MD 21771
STREET CITY/TOWN STATE ZIP

APPLICANT SAME AS ABOVE

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 18695 Penn Shop Rd. MTAiry, Md 21771
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P _____

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

MOUND TEST DATA SHEETS

Property I.D. 18695 Penn Shop Lot # _____ Date 10/29/2009
 Sanitarian RB (elime) Landscape Position Side Slope
 % Slope 7% Soil Type _____ Contractor Will Hopkins

HOLE # 1 DEPTH OF TEST 12" START TIME 11:14

11.75" diameter
infiltrometer
6" head

6" brn ch sil
2fg
14" yel-brn ch sil
7fsbk slightly sticky
22" yel-brn sil
2fsbk slightly sticky
30" yel-brn ch loam
grey lithochromes
38" yel-red ch loam
5' (60") 2 vch sil
grey
7' (84") grey xch sil
brn ch loam

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
9 16/16 (32/32)	Begin	—		
9 31/32	6	1/32		
9 28/32	30	3/32		
9 23/32	60	5/32		

10:52 begin equilibration

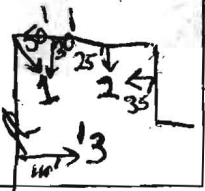
HOLE # 2 DEPTH OF TEST 11" START TIME 12:20

9" dkbrn ch sil
2fg slightly sticky
13" yel-brn ch sil
1fsbk slightly sticky

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
9 16/16	Begin	—		
9 12/16	40	4/16		

6" Head
11 3/4" diameter
infiltrometer

No equilibration period



LETTER OF TRANSMITTAL

AGENCY
 CLIENT
 FILE
 ACCT.
 CORR.
 OTHER

VanMar Associates, Inc.

Engineers ~ Surveyors ~ Planners
 310 South Main Street, P.O.Box 328, Mt. Airy, MD 21771
 301-829-2890 301-831-5015 301-695-0600
 410-549-2751 (FAX) 301-831-5603

TO: Howard County
 Environmental Health Dept.
 7178 Columbia Gateway Drive,
 Columbia MD 21046

DATE: September 29, 2009

PROJECT: Cline Property

VMA#: A9 5162

COUNTY#:

ENCLOSED:

COPIES	DATE	DESCRIPTION
4	Sealed 9/29/09	Percolation Test Plan 60 Prepared to do infiltration tests

REMARKS: Submitted for review and approval

COPIES TO (ADDRESS): Edward Cline, 18703 Penn Shop Road, Mt. Airy, Md. 21771

SUBMITTED BY: Robin Smith

S:\data\MSO2000\WORDDOCS\ENGRSA95162\hd trm.9.29.09.DOC



HOWARD COUNTY HEALTH DEPARTMENT

31962

DATE
10 / 14 / 09

AS

Received From

Quantica Clinic

PHONE #

301.829.1825

CASH

CHECK

NO.

For

pac app -
181095 Penn Shop Rd.

five hundred and six

Dollars

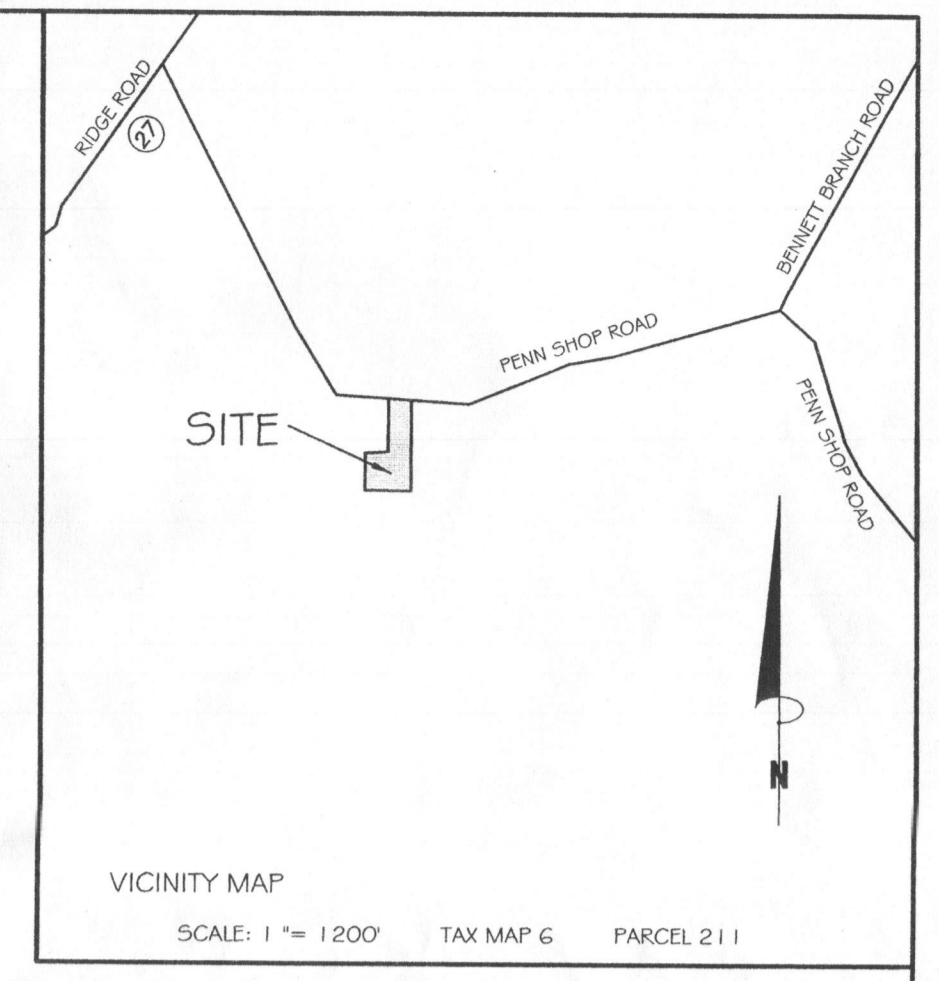
\$

500.00

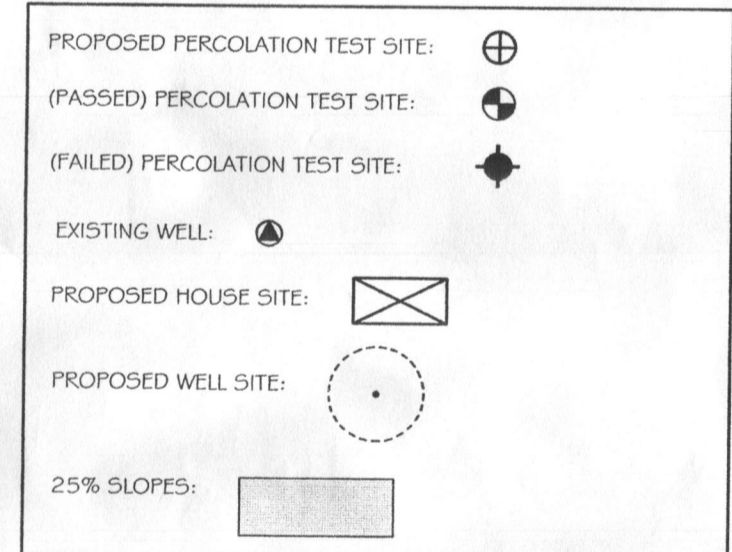
Received By

11/5/09 [Signature]

MCS (MAD03/91)



- GENERAL NOTES:
- OWNERS: N. EDWARD CLINE & JUANITA E. CLINE
DEED REFERENCE: LIBER 667 FOLIO 353
DATE: JANUARY 12, 1974
GRANTOR: WILLIAM L. YOUNG & ELIZABETH M. YOUNG
 - TAX MAP: 6 GRID: 2 PARCEL: 211
 - NEAREST POTABLE WATER SUPPLY: MT. AIRY, 2 MILES E.
 - THERE IS NO FLOOD HAZARD AREA (100 YEAR FLOOD PLAIN) LOCATED ON THIS PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL# 240044 0006 B, REVISED DECEMBER 4, 1995.
 - TOPOGRAPHY: FROM HOWARD COUNTY GIS DATA. FIELD SPOT CHECKED BY VANMAR ASSOCIATES. VERTICAL DATUM IS NAVD83. CONTOUR INTERVAL IS 2 FEET.
 - THERE ARE NO KNOWN WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
 - SOIL TYPES: GIB2 (GLENELG LOAM), Lnc2 (LINGANORE CHANNERY LOAM), MIB2 (MT. AIRY CHANNERY LOAM); HOWARD COUNTY SOILS GRID No. 344.
 - ZONING DISTRICT:
 - ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF THE FINAL PLAT FOR SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO THE FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
 - THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
 - THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - ANY CHANGES TO A PRIVATE SEPTIC AREA WILL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - EXISTING WELLS HAVE BEEN FIELD LOCATED AND ACCURATELY SHOWN.



APPROVED:
FOR PRIVATE WATER AND PRIVATE
SEWERAGE SYSTEMS, HOWARD COUNTY
HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER DATE

OWNERS:
N. EDWARD CLINE
JUANITA E. CLINE
1695 PENN SHOP ROAD
MT. AIRY, MD. 21771
(301) 471-3360

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON
FIELD WORK PERFORMED BY ME OR UNDER MY SUPERVISION AND
IS CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE
AND BELIEF.

Thomas L. Frazier, Jr. 9/29/09

THOMAS L. FRAZIER, JR., P.E., L.S., MD. REG. #21097 DATE

DATE	REVISIONS



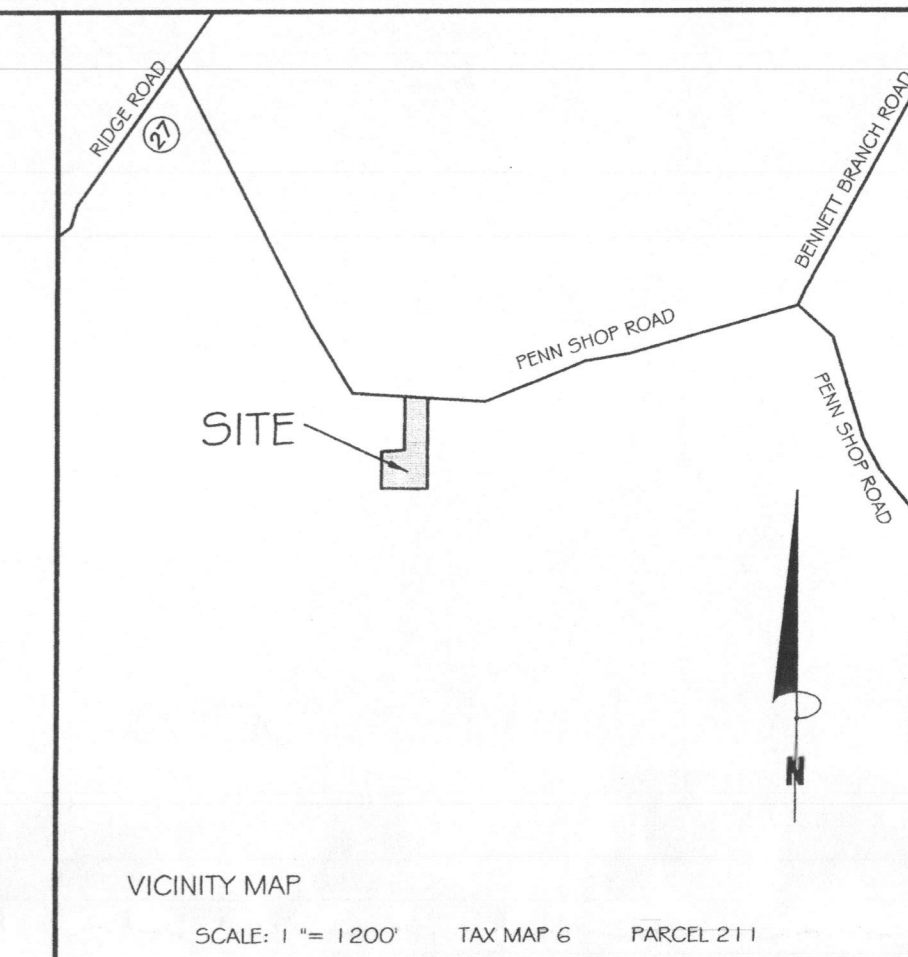
PERCOLATION TEST PLAN
CLINE PROPERTY

LIBER 667 AT FOLIO 353

SITUATED ON PENN SHOP ROAD
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' SEPTEMBER, 2009

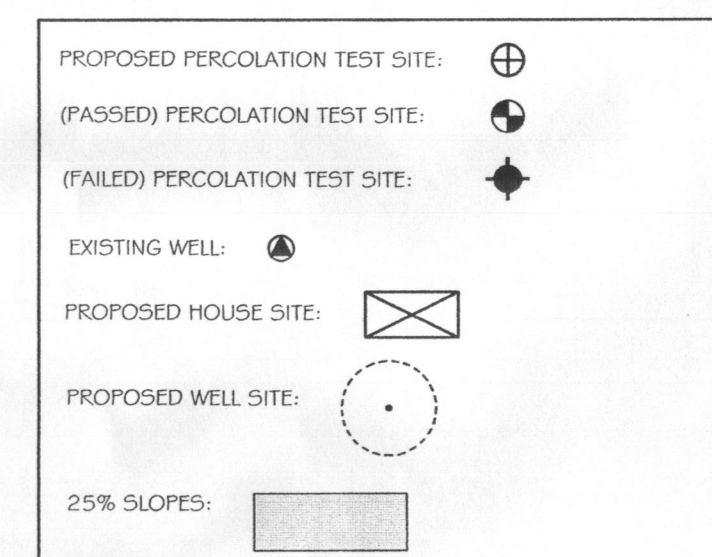


VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
Fax (301) 831-5603 ©Copyright, Latest Date Shown



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APPROVED:
FOR PRIVATE WATER AND PRIVATE
SEWERAGE SYSTEMS: HOWARD COUNTY
HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER: _____ DATE: _____

OWNERS:
N. EDWARD CLINE
JUANITA E. CLINE
12625 PENN SHOP ROAD
MT. AIRY, MD. 21771
(301) 471-3380

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AND BELIEF.

Thomas L. Franer, Jr. 9/29/09
THOMAS L. FRANER, JR., PROF. L.S., MD. REG. #21097 DATE

DATE	REVISIONS



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