



Howard County
Health Department

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____

TEST TIME _____

AP 523664

AGENCY REVIEW: _____

DATE 11/15/05

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 ONE:

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

CHECK AS NEEDED:

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

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)	Donnie B. Clements			
DAYTIME PHONE	301-831-5004	CELL	301-748-0608	FAX
MAILING ADDRESS	P.O. Box 355	Mt. Airy	MD	21771
	STREET	CITY/TOWN	STATE	ZIP
APPLICANT	Heritage Land Development			
DAYTIME PHONE	410-489-7900	CELL	410-984-4851	FAX 410-489-9768
MAILING ADDRESS	3060 Washington Road, Suite 220	Glenwood	MD	21738
	STREET	CITY/TOWN	STATE	ZIP
APPLICANT'S ROLE	DEVELOPER	BUILDER	BUYER	RELATIVE/FRIEND
PROPERTY LOCATION			REALTOR	CONSULTANT
SUBDIVISION NAME			LOT NO.	1
PROPERTY ADDRESS	951 Ridge Road	Mt. Airy, MD	21771	
	STREET	TOWN/POST OFFICE		
TAX MAP PAGE(S)	6	GRID	2	PARCEL(S) 106
			PROPOSED LOT SIZE	1 acre

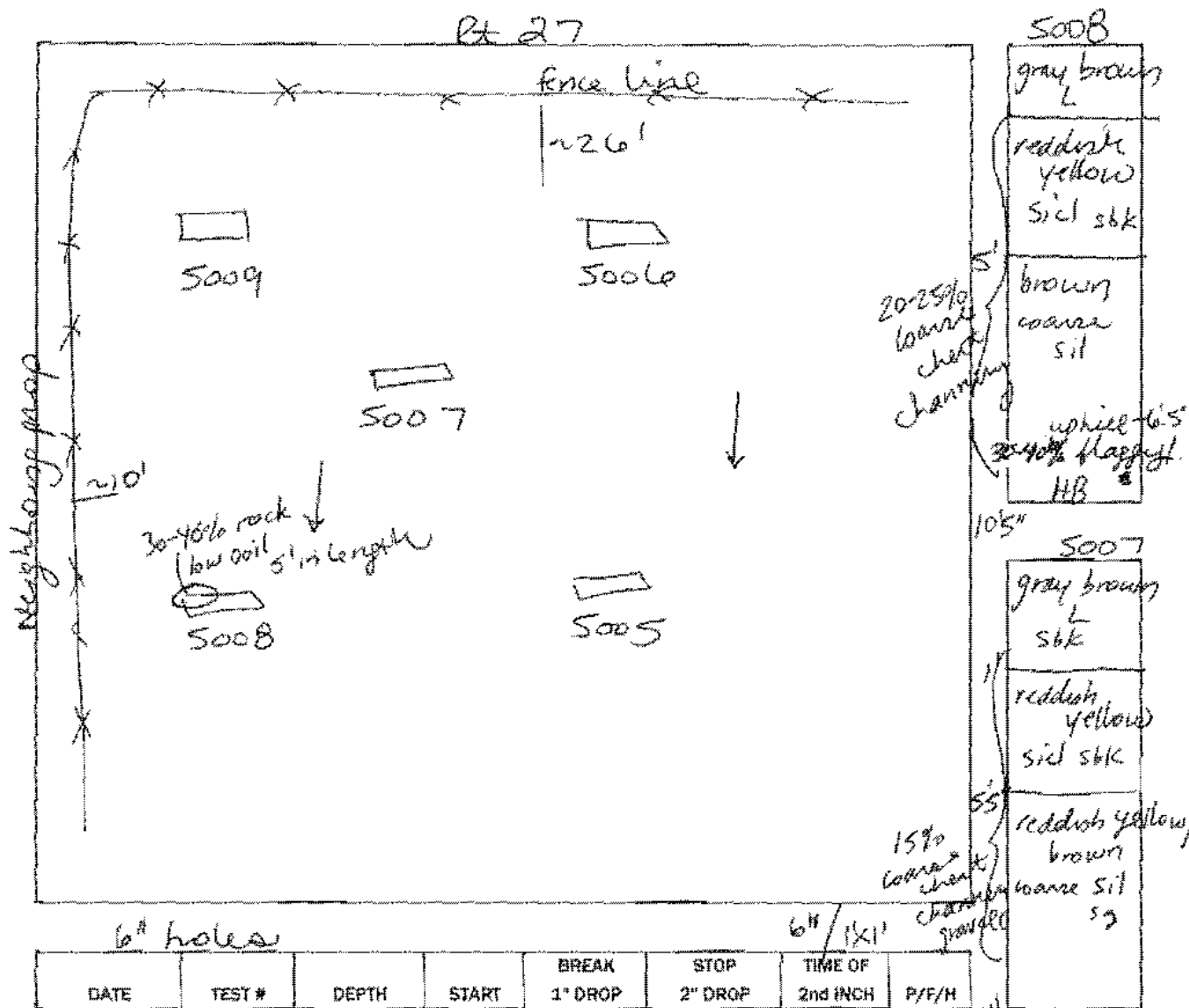
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. 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
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P

Pt 27



6" holes

6" / 1'X1'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
12/16/05	S006	5' / 12'	12:34	12:49	too slow		
6" hole		6'	2:09	2:11 ⁰⁹	2:14	3/5	P
6" hole	S007	5' 5" / 11'	2:05 ⁰⁰ / 2:03	2:02 ²⁸ / 2:05	2:03 ¹¹ / 2:04	12/3	P
1'X1'	S008	5' / 10' 5"	1:07 ⁴²	1:15	1:26	11	P
6" hole	S009	5' / 12'	12:41	12:56	too slow		
		6'	1:19 ¹⁷	1:25 ⁵⁵	1:43 ²²	18/28	P
6" hole	S005	5' 5" / 11' 5"	1:46 ³³	too slow			
6" hole		6'	1:57 ³⁹	1:58	2:00	2/3	P

REMARKS

Holes dug per plan = holes were 6", converted times for 12" holes

SANITARIAN

SF

BACKHOE J. Benz (Level Land)

OTHERS

C. Zapp

TEST HOLES USED IN SDA

AVG. PERC TIME

10

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE S/W

S006

gray brown
L sbkreddish
yellow
sil15-20%
gravel
chertreddish
yellow
sil coarse
20-30%
coarse chertbottom flaggy
5-10%

S009

gray brown
L sbkreddish
yellow
sil sbkreddish
yellow
sil coarse15-20%
coarse chert
channelling
micaceous
throughout

12' profile

S008

gray brown
Lreddish
yellow
sil sbkbrown
coarse
silwhite to silty
clay
HB

S007

gray brown
L
sbkreddish
yellow
sil sbkreddish yellow
brown
coarse sil
5'

S005

gray brown
Lreddish yellow
sil
sbkbrown
sil coarse
throughout profile
25-30%
coarse chert
channelling
5% flaggy
micaceous



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PROPERTY OWNER(S) Donnie B. Clements
DAYTIME PHONE 301-831-5004 CELL 301-748-0608 FAX _____
MAILING ADDRESS P.O. Box 355 Mt. Airy MD 21771
STREET CITY/TOWN STATE ZIP

APPLICANT Heritage Land Development
DAYTIME PHONE 410-489-7900 CELL 410-984-4851 FAX 410-489-9768
MAILING ADDRESS 3060 Washington Road, Suite 220 Glenwood MD 21738
STREET CITY/TOWN STATE ZIP

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

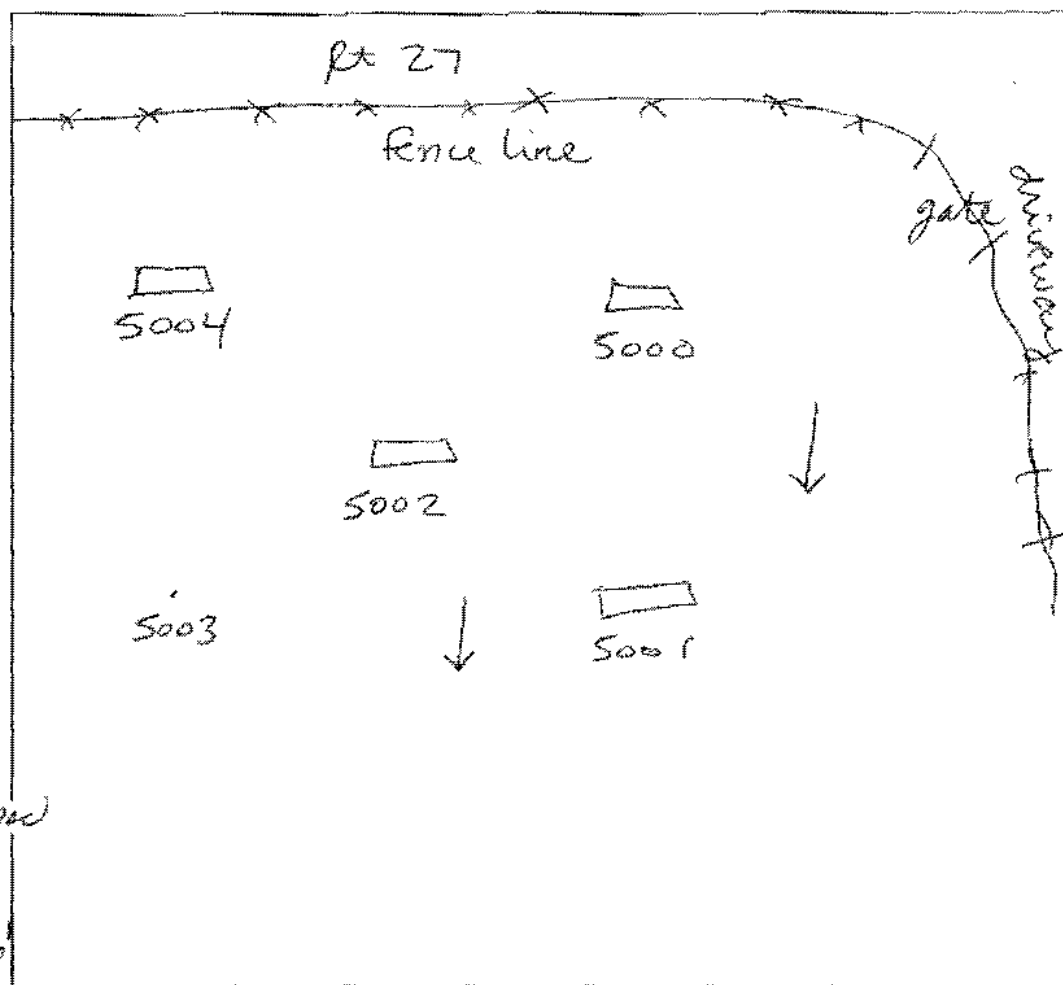
PROPERTY LOCATION
SUBDIVISION NAME CLEMENTS PROPERTY LOT NO. 2
PROPERTY ADDRESS 951 Ridge Road Mt. Airy, MD 21771
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 6 GRID 2 PARCEL(S) 106 PROPOSED LOT SIZE 1 acre

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWAGE 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.

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TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



5000
gray brown
L
sbk

reddish yellow
sic
sic

reddish yellow
dense 1

5% flaggy

5004
gray brown
L sbk

reddish yellow
sic
sbk

reddish yellow
sic

flaggy

6" holes

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
12/16/05	5000	4' 11"	12:07	12:20	too slow	—	F
6" hole	5004	4' 9 5/8"		12:15	12:23	8/13	P
	5002	3' 9"			Visual		F
	5001	5' 5"			Visual		F
	5003	—	Not Dug				

5002
gray brown
L

reddish yellow
sbk
35% coarse
chert

45% strong

HB

5001
gray brown
L

reddish yellow
sic sbk

20% coarse
chert
micachert

HB

REMARKS

Holes dug per plan
5003 Not dug - Conditions poor for SDA

SANITARIAN

SF

BACKHOE J. Bratz (Level Land)

OTHERS C. Zapp

TEST HOLES USED IN SDA

AVG. PERC TIME

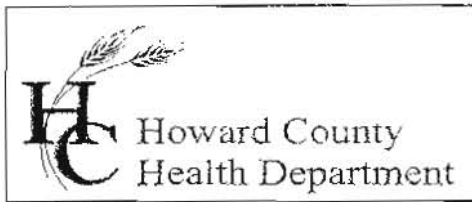
SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE S/W



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

December 19, 2005

Donnie B. Clements
P.O. Box 355
Mt. Airy, MD 21771

RE: PERCOLATION TEST RESULTS – A523664
Tax Map 6, Parcel 106
Lots 1 & 2

Dear Mr. Clements:

Percolation testing conducted December 16, 2005 on the referenced property indicated both satisfactory and unsatisfactory soil conditions. Due to the percentage of rock and constricting soil conditions, an acceptable location for a sewage disposal area was not found on Lot 2. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) Actual locations and elevations of all excavated test holes
- 2) Proposed houses, wells and septic systems
- 3) Locations of any other relevant features such as streams, swales, or existing structures
- 4) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 5) A note indicating that depicted topography reflects field-matched information
- 6) A health officer signature block stating "approved for private water and private sewer systems"
- 7) A MDE sewage disposal area statement is required
- 8) MDE minimum lot width statement

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Sincerely,

Sara Fegel
Well and Septic Program
Development Coordination Section

SF
Enclosures
Cc: Heritage Land Development
File

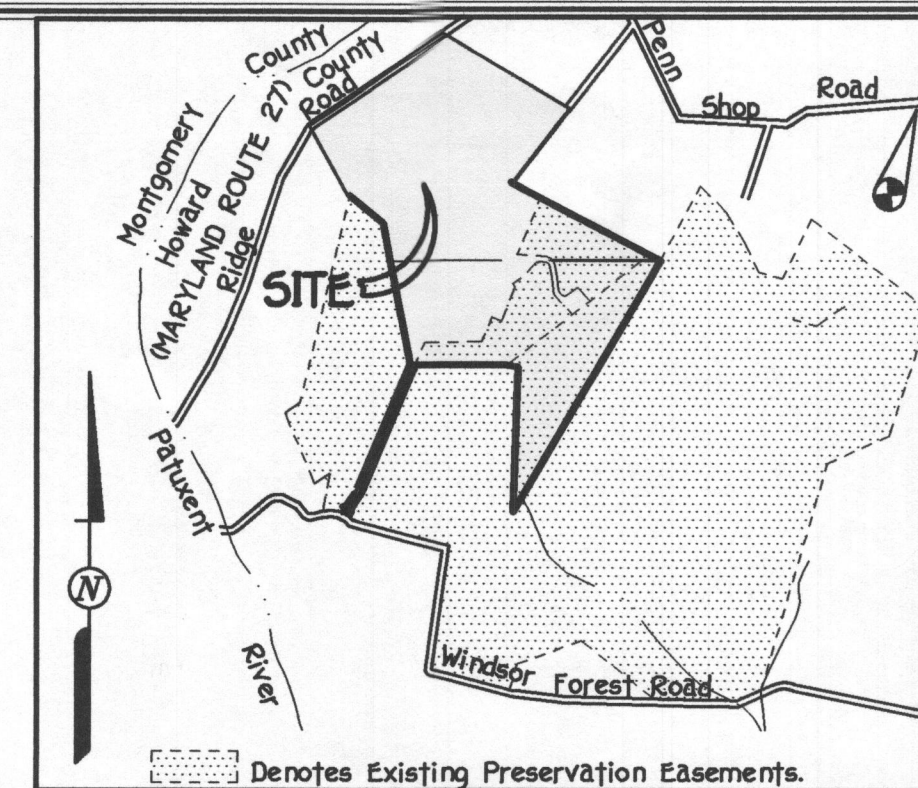
LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES PROPOSED HOUSE
- DENOTES 15%-24.9% SLOPES
- DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

SOILS LEGEND

SOIL	NAME	CLASS
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
* GIB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
GIB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
MTB2	Mt. Airy channery loam, 3 to 8 percent slopes, moderately eroded	A
MTD2	Mt. Airy channery loam, 15 to 25 percent slopes, moderately eroded	A
MIC2	Mt. Airy channery loam, 8 to 15 percent slopes, moderately eroded	A

- NOTES:
- * Hydric soils and/or contains hydric inclusions
 - ** May contain hydric inclusions
 - † Generally only within 100-year floodplain areas



VICINITY MAP
SCALE: 1" = 2000'

