

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AVP 527249

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 4 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) GREGORY D ROWE

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 13791 HIGHLAND ROAD CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT TRINITY HOMES

DAYTIME PHONE _____ CELL 443-324-9806 FAX _____

MAILING ADDRESS 3675 PARK AVE SUITE 301 ELLICOTT CITY MD 21043
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME ROWE PROPERTY LOT NO. _____

PROPERTY ADDRESS 13791 HIGHLAND ROAD
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 34 GRID 3 PARCEL(S) 334 PROPOSED LOT SIZE 5.86

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

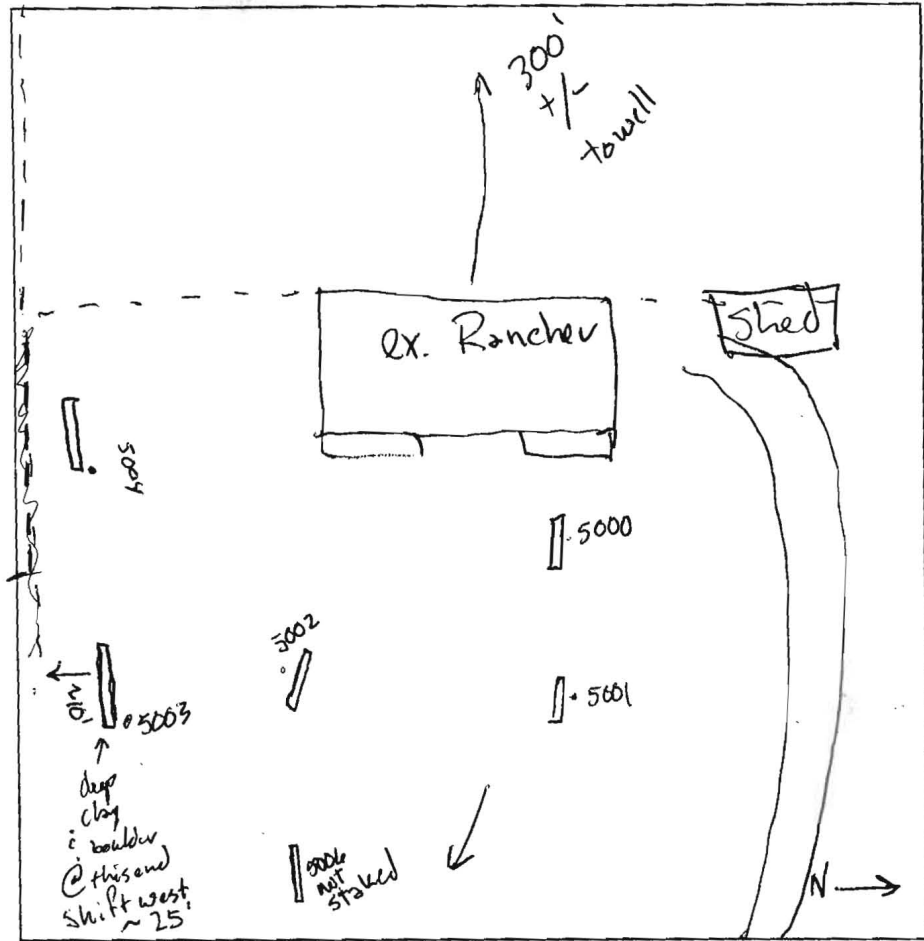
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

APV 527249

5001
 Dry Yellow Brn
~~Subk~~ Lm
 Red Yellow
 Clm Sbk
 Dry fine
 roots
 Red/Yellow Red
 SL fine roots
 (Microscopic)
 Yellow Brn
 COSL
 Large mica
 flakes and
 weak ssp. pr.
 ~ 10%
 11

5002
 Yellow Brn
 Lm gr. cr. /
 platy w/ 20%
 cobbles (fill?)
 Red Yellow/
 Sbk Yellow Red
 Clm - lms
 25% qtz
 cobbles
 Yellow Brn
 COSL
 ~ 10%
 wk ssp. pr.
 mic schist.
 11

5003
 Red Yellow
 Clm
 Yellow
 Brn
 Sbk
 Yellow
 Brn
 SL
 few
 qtz
 cobbles
 < 10%
 wk ssp. pr.
 ~ 15%
 11



5004
 Yellow Brn
 Lm
 Str. Brn
 Clm -
 Sbk
 White VFSL
 w/ some
 Yellow FSL
 intermixed
 Red
 Brn
 SL
 transition
 zone
 2-4-6
 some
 clays
 silts
 @ this
 depth
 11

5006
 Yellow Brn
 Lm
 Yellow Clm
 Yellow Red
 Sbk Clm
 few
 cobbles
 Yellow Red
 Clm
 Brown
 COSL
 ~ 15%
 weak
 ssp. pr. +
 mic schist
 No sign of
 rock
 11

5000
 Brn Lm
 Red Yellow Lm
 transition - Clm
 Yellow Brn Clm
 Red/Red
 Yellow
 CL
 Yellow Brn
 SL
 white
 VFSL
 25%
 cobbles
 11

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/18	5001	3 1/2 / 11	9:47	9:50	9:55	5	P
	5002	5 / 11	10:13	10:18	10:22	4	P
	5003	4 / 11	10:50	11:00	11:18	18	P
	5004	4 1/2 / 11	11:21	11:38	Pulled Slow	dig deeper	
	5006	4 / 9	Visual test to verify no deep clay/boulders				OK
	5000	6 / 11	11:56	11:58	12:02	4	P
	5004	6'				rest < 10m	P

REMARKS 5006 - Visual test to verify the extent of deep clay in 5002 and boulders in 5003
 SANITARIAN _____ BACKHOLE _____ OTHERS _____
 Lym cover (frimly)

TEST HOLES USED IN SDA _____ AVG. PERC TIME 7.7 SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH 7 EFFECTIVE SW _____

$$\frac{4 \times 150}{0.8} = \frac{750}{2} = 375 \times$$

$$> 3500 = 2000$$

~300



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

7/24/2007

To: Attn: Lynn Covey
Trinity Homes
3675 Park Ave. Suite 301
Ellicott City, MD 21043
VIA FACSIMILE: (410) 480-0013

From: Gabe Creighton, Sanitarian
Well and Septic Program

Re: Percolation Testing: A527249
13791 Highland Rd.
Clarksville, MD 21029
Demolition/Re-build

Mr. Covey,

Percolation testing conducted 7/18/2007 on the above referenced property has yielded mostly favorable results with a single limiting condition. The limiting condition encountered was a shallow depth to bedrock or large boulders on the east side of test hole 5003. Further review of the project is contingent upon submittal of a Percolation Certification Plan as required by Howard County Code Subtitle 3.8. If possible at this time, include on this plan the footprint of the proposed house (in addition to the existing house footprint).

Enclosed for your reference is a summary of these regulations, a copy of the test notes, and a chart of applicable setbacks for residential development.

Upon receipt of the Percolation Certification Plan, this office will review the plan to ensure the application of state and local codes and regulations. If deemed appropriate, the plan will be approved. Upon approval of the Percolation Certification plan to support the demolition and replacement of the dwelling on the property, a demolition permit approval from the Bureau of Environmental Health may be obtained by requesting approval in writing to this office. Once this is completed, a building permit may be issued by this department when the appropriate permit application materials have been submitted.

If you have any questions regarding this process, or generally need to contact me, at this time or in the future, please do not hesitate to contact me directly at (410) 313-2775.

Respectfully,

Gabriel A. Creighton, R.S.
Development Coordination Section
Well and Septic Program

GAC/gac
Enclosures
cc: File

