



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 528453

AGENCY REVIEW: _____

DATE 1/24/08

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) Scott CARNEAL

DAYTIME PHONE 301-704-9774 CELL _____ FAX _____

MAILING ADDRESS 2800 DUDALL RD Woodbine MD 21797
STREET CITY/TOWN STATE ZIP

APPLICANT Covey Const. Co. Inc.

DAYTIME PHONE 410-750-0398 CELL 410-218-8000 FAX _____

MAILING ADDRESS 1941 Covewood Ln. Woodstock MD 21163
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME SAME LOT NO. 5-A

PROPERTY ADDRESS _____
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. R. Covey
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP 528543

①

Str. Brn
ch. 15% Lm
2 sbk 1 1/2'

Str. Brn
ch. 25-35%
(high % sil) Lm 6.5'

Red Brn.
ch. - fl.
Lm ~ 50% 9'

~70%
(Rock/soil
interfaces
well)
Rx not contiguous 11'

②

Org. Lm 6"

Red Brn
fine L-Sil
~15% ch. 2 1/2'

Red Brn
v.f. Lm-Sil
~40% ch 6'

Yellow Red
L-v+SL 8'

Str. Brn
ch. f. L
~50%
ch/fl 11'

H/B

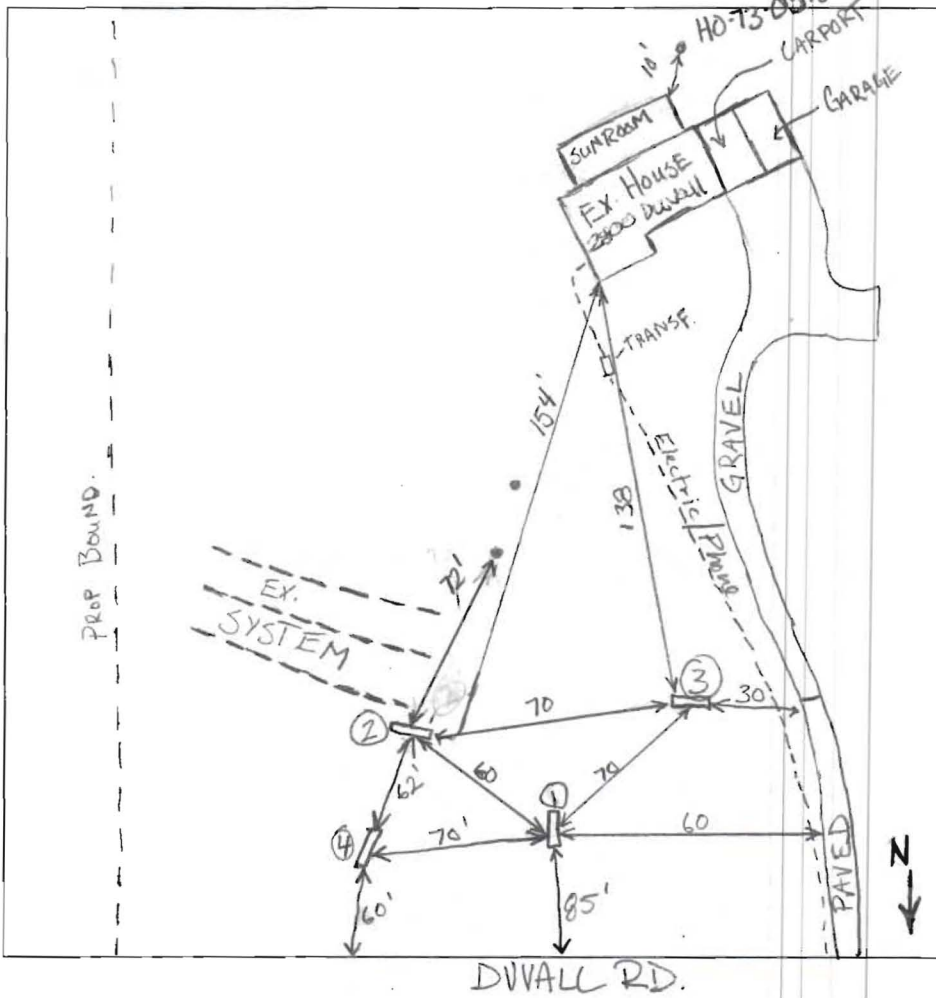
③

Str. Brn 3sbk
Lm-Sil
~5% ch 3'

Red Fine L
~35% ch. 5'

RY 40%
ch/fl. fine L
Rx. are wk,
well weathered 9'

YR Fine L
~35% fl/ch 12'



(4)
YR fine L
or Sil
~20% ch. 4'

Yellow Red
fSL-or-L
Wow! 9'

25% fl/s 10'

750% fl 10+

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/8/08	1	2 1/2/11	10:06	10:11	10:15	4m+	H
	1B	6/11	11:14	11:24	11:48	24m	M P
	2	3 1/2/11	10:39	Pulled @ 11am SLOW			H
	2B	5/11	11:29	11:48	12:18	30m	M P
	3	3 1/2/12	11:56	12:02	12:13	11m	P
	4	v/10+	est.	5m @ 4ft	5m		P

REMARKS _____

SANITARIAN GAC BACKHOE Bob Covey OTHERS N/A

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

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



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

2/14/2008

To: Scott Carneal
2800 Duvall Rd.
Woodbine, MD 21777

From: Gabe Creighton, Environmental Sanitarian
Well and Septic Program

Re: Percolation Testing A528453
2800 Duvall Rd.
Woodbine, MD 21777

Mr. Carneal,

Percolation tests conducted on 2/8/2008 on the above referenced property have indicated suitable conditions for establishing a septic reserve area on the property. The limiting conditions were the depth of the infiltrative soils and soil/rock content. This area will be suitable for the establishment of the septic reserve area as required for the proposed addition of a master bedroom suite and hallway.

Further review of the project is contingent upon submission of a percolation certification plan as required by Howard County Code Section 3.805. Percolation test notes from the testing done on 2/8/2008 are enclosed as well as a summary of these regulations and a chart indicating the most frequently applicable setbacks from private wells and septic systems.

Once this office has received the percolation certification plan, it will be reviewed for applicability of the regulations and will be approved when found to be acceptable. If submissions of the percolation certification plans are found to be unsuitable, comments to be addressed in subsequent submissions of the plan will be sent to the plan preparer.

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

Respectfully,

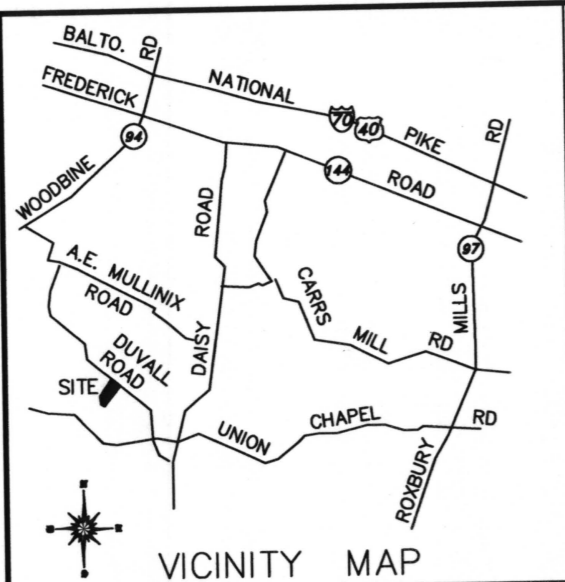
A handwritten signature in black ink, appearing to read 'Gabe Creighton'.

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

Enclosures

Copy to: File

Bob Covey, 1941 Covewood Lane, Woodstock, MD 21163



LEGEND

- CLEAN OUT c/o
- EXISTING WELL W
- TRANSFORMER T
- EXISTING TRENCH AREA AS PER OWNER
- PASSED PERC TEST HOLE AS PER OWNER
- ALTERNATE WELL SITE AW
- May 7, 2003 PERC TEST A
- March 1, 1972 PERC TEST

NOTES:

- 1) ALL EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY HAVE BEEN SHOWN.
- 2) ALL EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 200' DOWN GRADIENT OF PROPOSED SEPTIC SYSTEM HAVE BEEN SHOWN.
- 3) THE TOPOGRAPHY SHOWN HEREON IS DERIVED FROM A FIELD RUN SURVEY PERFORMED BY N.T.T. ASSOCIATES INC. IN AUGUST 2008.
- 4) THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 5) ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- 6) THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A REVISED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

CLAYTON & EVALINE MILLER
LIBER 603 FOLIO 114
LOT 1
PLATS 4610 AND 4611
CLAYTON MILLER PROPERTY
TAX MAP 13 PARCEL 309

n/f WINFRED & KARINA PAKIZ
LIBER 1530 FOLIO 314
TAX MAP 13 PARCEL 224

N 29°05'38" E
223.80'
N 34°42'15" W
176.66'

SCOTT & KATHARINE CARNEAL
LIBER 5654 FOLIO 669
5.000 Acres ±

n/f STEVE RAYMOND DOMEN, JR.
LIBER 1369 FOLIO 577
TAX MAP 13 PARCEL 180

OWNER

SCOTT AND KATHARINE CARNEAL
2800 DUVALL ROAD
WOODBINE, MARYLAND 21797
301-854-6448

I certify that the information shown hereon is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief.

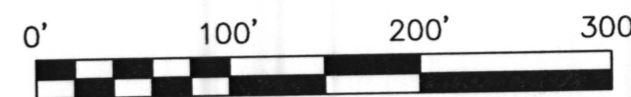
J. Carl Hudgins
J. Carl Hudgins PLS #96

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS

Bryan for Peter Brilena 10/21/08
HEALTH OFFICER SIGNATURE *RSB*



J. Carl Hudgins PLS #96



PERC CERTIFICATION PLAN
2800 DUVALL ROAD
4th ELECTION DISTRICT
TAX MAP 13 PARCEL 212
HOWARD COUNTY, MARYLAND

NTT Associates, Inc.

16205 Old Frederick Road
Mt. Airy, Maryland 21771
Ph. (410)442-2031
Fax No. (410)442-1315

Scale: 1" = 100'
Date: 8/27/08
Field By: DON/SCK
Drawn By: RIK
Drawing # MISC9452

PC 528453



HOWARD COUNTY HEALTH DEPARTMENT

28453

A 5

DATE
1 / 24 / 08

Received from Covey Construction CO, Inc PHONE # 410-750-0398

P.O. Box 254 Woodstock, MD 21163

For Peric test Apps

- CASH
- CHECK

2800 DUVALL Rd, Woodbine 21777

NO. 5546 Five hundred six Dollars

\$ 506.00

Received By [Signature]