



Howard County
Health Department

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 11/27/07 TEST TIME 9:30AM A/P 527905
AGENCY REVIEW: G. Creighton DATE 11/13/07

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) Mr. James Shaw

DAYTIME PHONE 301-548-0999 CELL FAX

MAILING ADDRESS 13079 Tridelphia Rd Clarksville MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT Cary Cumberland/Viking Development Corp.

DAYTIME PHONE 410 977-2188 CELL 410 977-2188 FAX 410 489-7613

MAILING ADDRESS 815 Windsor Dr Sussexville MD 21784
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Shaw Property LOT NO.

PROPERTY ADDRESS 13079 Tridelphia Mill Rd TOWN/POST OFFICE
STREET

TAX MAP PAGE(S) 34 GRID 4 PARCEL(S) 353 PROPOSED LOT SIZE 1.452

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.

Cary K. Cumberland
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

Q (32)

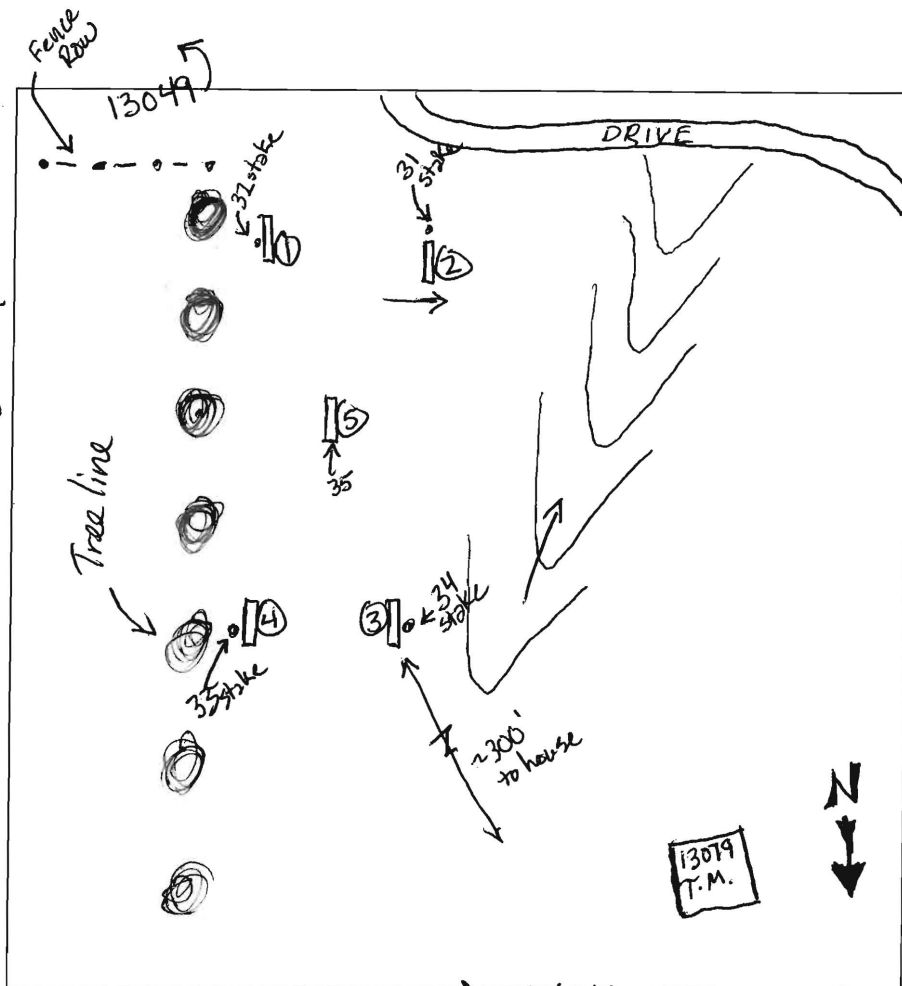
Organic Brn. Lm	8"
DK Yellow Brn 3sbk grcr Lm	2 1/2
Pale Yellow Brn CL sbk bottom + transition varied to 5'	4-5'
Red micac. SL	6
Red Brn micaceous Lm~SL	8
Brn/white/Yellow so (Lms) ~10 to 16 ksqpr.	17

Q (31)

Brn Lm 356K	1
Yellow Brn 356K Lm	2 1/2
Yellow Red SL	3
Yellow HSL 15-20% micaceous / 50% dense & platy	4
Red Brn HSL chan. ~ 15% also dense & platy	5 1/2
Yellow / Red Brn SL ~ 15% chan. mic w/ 2 single 20" quartz boulder	17

3 (34)

Brn Lm	35bk	10"
Yellow Red HSL		
Pale Yellow Brn CL ~ 20%. qtz cobbles w/ small pockets of dense silt w/ Red Yellow mottles (too small to take) 2 cemented	4	5 1/2
Red Brn micac. SL ~ 15% ch. micas		17



Triad. Mill

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/27/07	32 ^①	6/12	10:12	10:17	10:24	7m	P
	31 ^②	4/12	10:50	10:52	10:55	3m	P
	34 ^③	6/12	11:12	11:25	11:40	15m	P
	33 ^④	7/12	11:48	11:50	11:52	2m	P
	35 ^⑤	4 1/2/11	12:12	12:15	12:20	5m	P

REMARKS Middle hole continued in stake numbering scheme

SANITARIAN GAC BACKHOE Bill Cumberland OTHERS Cary Cumberland

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

TRENCH WIDTH	INLET DEPTH	MAX. BOT DEPTH	EFFECTIVE S/W
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DK Yellow Brn 35% Lm	1
Yellow Red HSL 5% cobble	3
Reddish Brn HSL 5% cobble	5
Pale Yellow & Red SL w/ clay pockets (10% overall)	8
Yellow Red SL ~ 15% micaceous / spherulites	12

5 (35?)

DK Yellow Brn
3sbx Lm 2

Red Brn SL
~10% chan.
miccs 5

Red Brn
chan. SL
~15% 8

Red Brn SL
w/pockets of
White Ss.
few (5%)
large channels 11%

Boulder

1000

NOTES:

1. TOPOGRAPHY SHOWN HEREON WAS FIELD-RUN BY SHANABERGER & LANE IN OCTOBER 2007
2. THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
3.
 - DESIGNATES EXISTING WELL LOCATION
 - DESIGNATES PROPOSED WELL AREA
 - DESIGNATES ABANDONED WELL
 - DESIGNATES SUCCESSFUL PERC TEST
 - DESIGNATES PROPOSED HOUSE LOCATION
 - DESIGNATES SOIL TYPE BOUNDARY
 - DESIGNATES TREES OR TREELINE
4. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN
5. SHANABERGER AND LANE MADE ALL REASONABLE EFFORTS TO FIND THE LOCATION OF ALL SURROUNDING EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100' OF THE PROPERTY BOUNDARIES AND ARE SHOWN HEREON.
6. SOIL TYPES: GLENELG SILT LOAM (GgB) & GLENVILLE SILT LOAM (GmB)
7. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM A BOUNDARY SURVEY PERFORMED BY SHANABERGER & LANE IN JANUARY, 2008.

13089 TRIADDELPHIA MILL RD.
L.420/F.324 & L.1269/F.182
MAP 34 PARCEL 235
OWNERSHIP HISTORY
RICHARD W & DORIS SHAW: 6/1964-PRESENT
HETTIE L SHAW: 8/1950-7/1984
CHARLES & HETTIE SHAW: 2/1924-8/1950

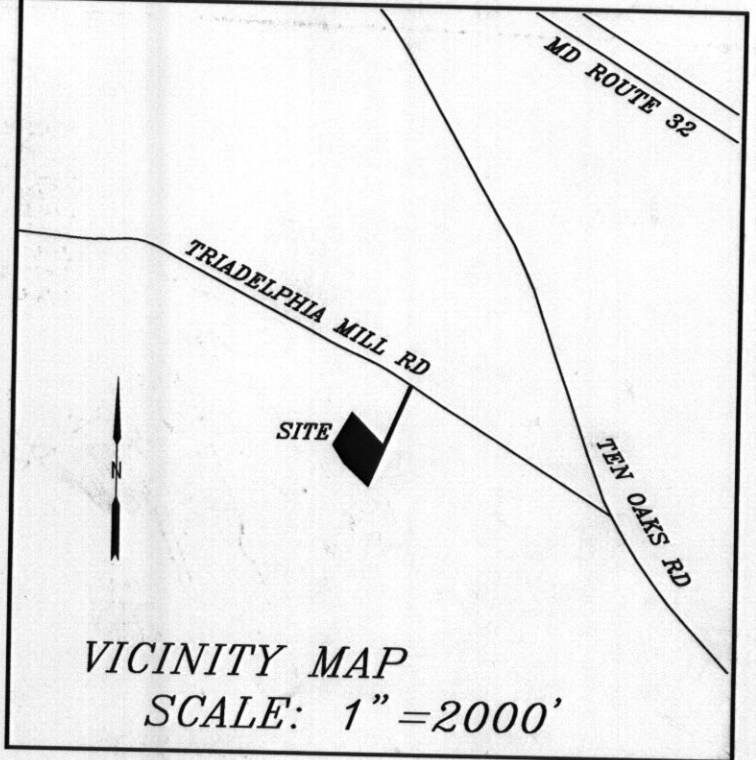
13079 TRIADDELPHIA MILL RD.
L.6919/F.326
MAP 34 PARCEL 174
OWNERSHIP HISTORY
JAMES B SHAW JR: 3/2003-PRESENT
JAMES B SHAW SR, MARGARET SHAW &
JAMES B SHAW JR: 7/1984-3/2003
HETTIE L SHAW: 8/1950-7/1984
CHARLES & HETTIE SHAW: 2/1924-8/1950

13001 TRIADDELPHIA MILL RD.
L.618/F.170
MAP 34 PARCEL 147
OWNERSHIP HISTORY
JESSIE J. APLIN JR & WIFE: 11/1972-PRESENT
DOUGLAS & DOROTHY CORDON: 10/1953-11/1972
E. BROOKE & ELIZABETH ADAMS: 7/1951-10/1953

13111 TRIADDELPHIA MILL RD.
THOMPSON PROPERTY
PLAT # 6720
MAP 34 PARCEL 379
PARCEL "P-2"
NO INFORMATION AVAILABLE ON THIS LOT
© HOWARD COUNTY HEALTH DEPARTMENT

13049 TRIADDELPHIA MILL RD.
L.4034/F.271
MAP 34 PARCEL 175
OWNERSHIP HISTORY
ERWIN S & MARY WEINSTEIN: 7/1997-PRESENT
DAVID C LINDSAY: 4/1982-7/1987
JOHN R & EVELYN ZAHER: 6/1978-4/1982
DANIEL S MAUCK & WIFE: 12/1975-6/1978
ROBERT H ANDERSON: 2/1937-12/1975
NO INFORMATION AVAILABLE ON THIS LOT
© HOWARD COUNTY HEALTH DEPARTMENT

SHAW PROPERTY
TRIADDELPHIA MILL RD.
L.6919/F.329
MAP 34 PARCEL 353
OWNERSHIP HISTORY
JAMES B SHAW JR: 3/2003-PRESENT
JAMES B SHAW SR, MARGARET SHAW & JAMES B
SHAW JR: 5/1992-3/2003
JAMES B SHAW SR, & MARGARET SHAW:
7/1974-5/1992
HETTIE L SHAW: 8/1950-7/1974
CHARLES & HETTIE SHAW: 2/1924-8/1950
APPROX. AREA=1.45 ACRES ±
NO INFORMATION AVAILABLE ON THIS LOT
© HOWARD COUNTY HEALTH DEPARTMENT



PERCOLATION CERTIFICATION PLAN

SHAW PROPERTY
TRIADDELPHIA MILL ROAD
DEED REF: L.6919/F.329
TAX MAP 34 GRID 4 PARCEL 353
5TH ELECTION DIST. HOWARD COUNTY, MD.
PURPOSE: TO OBTAIN BUILDING PERMIT
OWNER: JAMES B. SHAW JR.
13079 TRIADDELPHIA MILL ROAD
CLARKSVILLE, MD 21029
PHONE# 410-531-3031
DEVELOPER: VIKING DEVELOPMENT CORP.
815 WINDRIVER DRIVE
SYKESVILLE, MD 21784
CONTACT: CARY CUMBERLAND
PHONE# 410-552-9916

SCALE: 1"= 50' JANUARY 29, 2008
PERCOLATION TESTING # A527905

PERC CERTIFICATION
I CERTIFY THAT THE LOCATIONS SHOWN (X) HEREON ARE BASED ON FIELD-LOCATIONS DONE UNDER MY DIRECT SUPERVISION AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.
G. SCOTT SHANABERGER
PROFESSIONAL LAND SURVEYOR #10849
DATE 1/31/2008

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

B. Nylan for Peter Brilensen, MD 2/1/2008
COUNTY HEALTH OFFICER GAC DATE

A527905

0719PERCCERT.DWG

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLICOTT CITY, MD. 21043
PHONE: 410-461-9563
FAX: 410-461-9693

NOTES:

1. TOPOGRAPHY SHOWN HEREON WAS FIELS RUN BY SHANABERGER & LANE IN OCTOBER 2007

2. THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO ENCROACHMENTS INTO THE PRIVATE SEWAGE DISPOSAL AREA.

3. (X) DESIGNATES EXISTING WELL LOCATION

(---) DESIGNATES PROPOSED WELL AREA

(•) DESIGNATES PROPOSED PERC TEST

(H) DESIGNATES PROPOSED HOUSE LOCATION

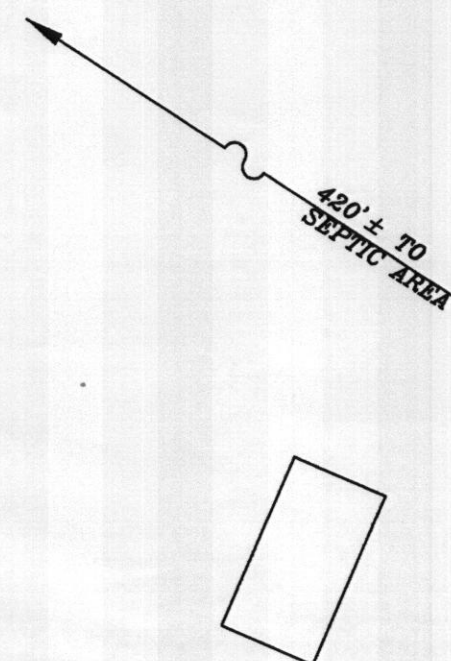
(---) DESIGNATES SOIL TYPE BOUNDARY

4. THE LOTS SHOWN HEREON ARE EXEMPT FROM THE MINIMUM OWNERSHIP AND LOT AREA REQUIREMENTS BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT BECAUSE?

5. ALL VISIBLE EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY HAVE BEEN SHOWN.

6 SOIL TYPES: GLENELG SILT LOAM (GgB)
GLENVILLE SILT LOAM (GmB)

7. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM AVAILABLE DEEDS OF RECORD. ACREAGE SHOWN HEREON IS APPROXIMATE.



THOMPSON PROPERTY
PLAT # 5720
MAP 34 PARCEL 379
PARCEL "F-2"

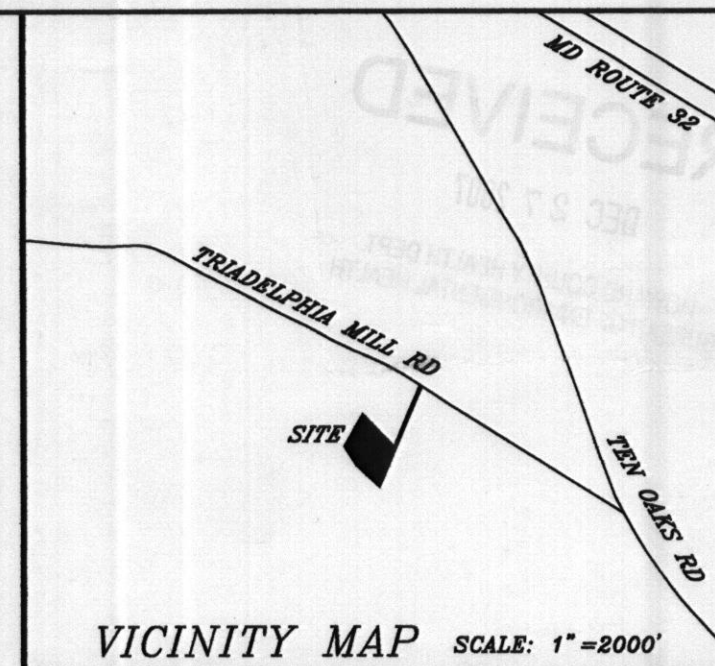
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HETTIE L SHAW: 8/1950-7/1984
CHARLES & HETTIE SHAW: 2/1924-8/1950



PC 527905 12/14/07

1/5/08
Not Staked (50)

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD. 21043
PHONE: 410-461-9563
FAX: 410-461-9693



DATE

WELL #HO-733416

PERC-TEST APPLICATION PLAT
SHAW PROPERTY

DEED REF: 6919/329
TAX MAP 34 GRID 4 PARCEL 353
5TH ELECTION DIST. HOWARD COUNTY, MD.
SCALE: 1"=50' NOVEMBER 9, 2007