

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

APP 530335

AGENCY REVIEW: _____

DATE 3/13/09-A

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 UNKNOWN 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) DR. NADU A. TUAKLI REVOCABLE TRUST

DAYTIME PHONE _____ CELL (202) 465-2629 FAX _____

MAILING ADDRESS 13603 GILBRIDE LANE CLARKSVILLE MD. 21029
STREET CITY/TOWN STATE ZIP

APPLICANT G. SCOTT SHANABERGER, SHANABERGER & LAKE

DAYTIME PHONE (410) 461-9563 CELL (NONE) FAX (410) 461-9693

MAILING ADDRESS 8726 TOWN & COUNTRY BLVD., SUITE 201, ELICOTT CITY, MD, 21043
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME PROPERTY OF DR. NADU A. TUAKLI REVOCABLE TRUST LOT NO. 2

PROPERTY ADDRESS 13170 TRIADELPHIA MILLE ROAD CLARKSVILLE MD. 21029
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 3A GRID 3 PARCEL(S) 2 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.

G. Scott Shanaberger
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 S/W _____

(2)

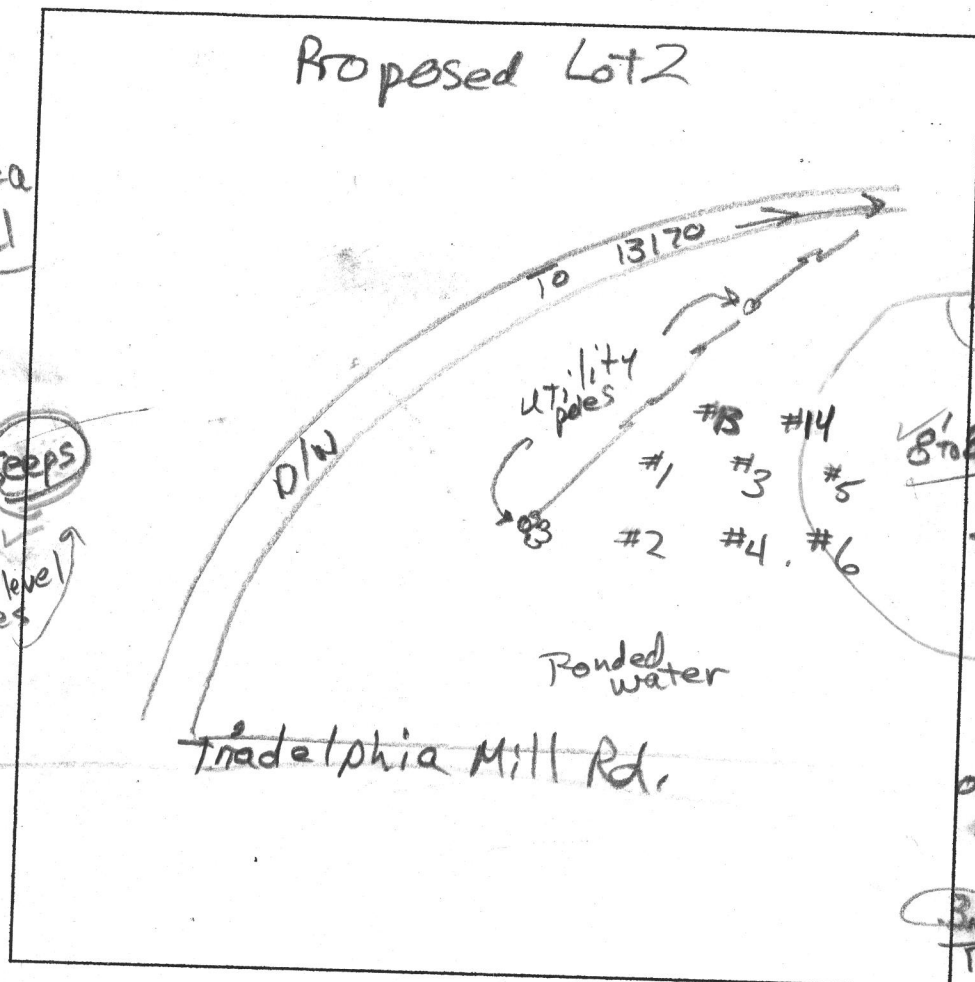
0.6' brncl
Common mica
2' yel-redcl
2msbk
3.5' yel-red scl
yel-red sl
1 fpl
7.5' yel brn sl
8.5' m3d grey
grey chls
3cpl water level rises
micaceous
serpentine

seeps

3' brn lean
brn scl
sl
brn 2fpl
4.5' yel-brn 2fpl
sl
6' grey-brn sl
2 fpl
few chambers
few Mn coatings
7.5' pocket coarse
gravel
11' grey sl
micaceous moist

1' brncl
0.5' yel-red scl
3' 3 fpl
yel-red sl
3 fpl
brn sl
2 fpl
10' grey-brn
sl 2mpl
12' moist
no water

Proposed Lot 2



456

1' brn scl
2.5' red-brn scl
yel-red
heavy sl
common Mn
7.5' brn sl
m3d grey
seeps
8' moist
cave-in
8' to 8.5' water
yel-red
2cpl grey
heavy sl
many mica
10' water

5

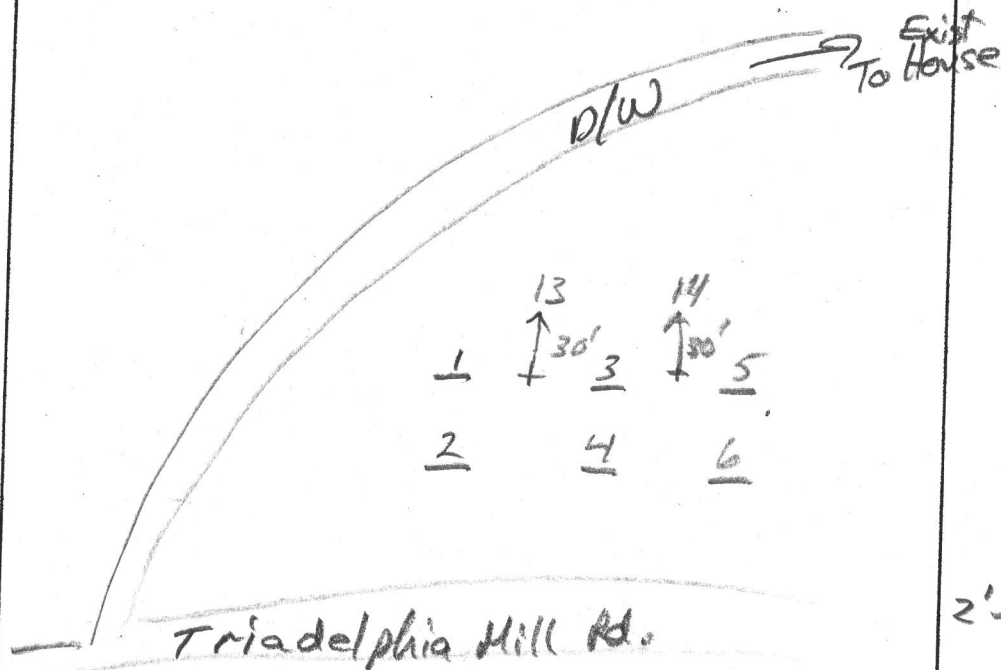
0.4' grey brn sl
brn scl
to red scl
2msbk
3.0' red-brn sl
to brn sl
micaceous
2 fpl
9' yel-brn heavy sl
3.3d grey
Mn concretions
(large) & coatings
11' moist grey
fsl 3 fpl
com. Mn cond.
12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/9/09	2	4.5 7.5	0	17	47	>30	F
4/9/09	5	4.5 9	10:24	10:26	10:30	4	P
4/9/09	3	4.5 11	0	5	15	10	P
4/9/09	4#6	Visual					F
4/9/09	1	4.5 10	0	2	16	14	P

REMARKS #5 restrictive layer at 9'; no water observed
SANITARIAN RB BACKHOE Bill Ingram OTHERS Roberto Sanchez
TEST HOLES USED IN SDA SQ. FT/BR
TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE SW

Proposed Lot 2

13120 Triadelphia Mill Rd.



13'

brn sl
to brn scl
2msbk2' red-brn
heavy sl35' brn sl
many mica8' grey-brn sl
micaceous
2 fpl
to 2 cpl

12'

14

brn sl

2' to brn scl, 2msbk

yel-red

heavy sl dense
common mica

3.5' brn sl

6.5' many mica
brn sl, 2 fpl

micaceous

8' Saprolite

pale brn sl

many mica

common, medium

1' inclusions white foam

14' grey brn sl

few channers

few Mn

12' 3 cpl coatings

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/9/09	14	4.5' / 12'	0	2.5	7	4.5	P
4/9/09	13	4.5' / 12'	0	10	37	27	P

REMARKS _____

SANITARIAN RR BACKHOE Bill Ingram OTHERS _____

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

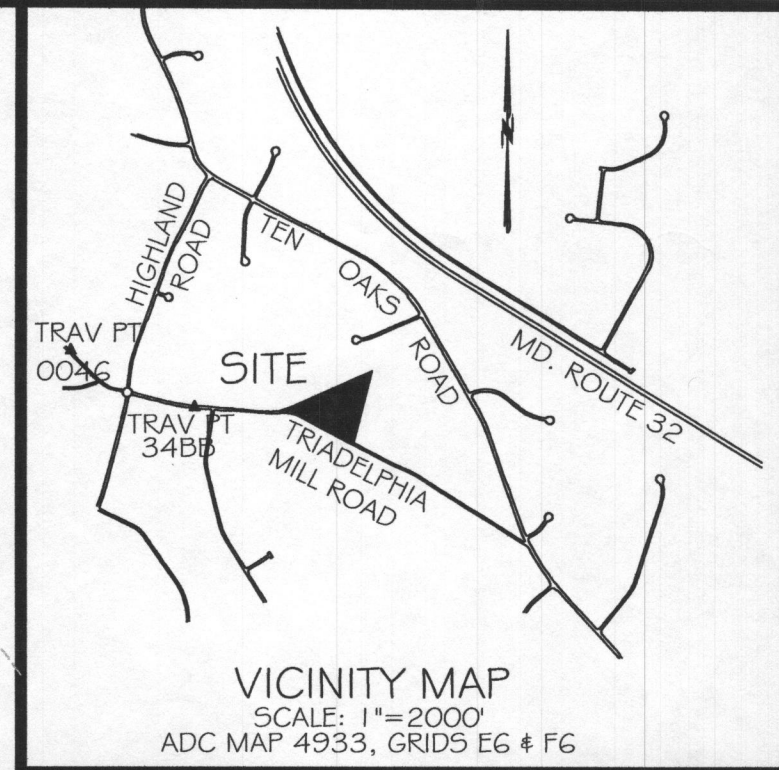
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

NOTES:

1. TOPOGRAPHY SHOWN HEREON WAS FIELD-RUN BY SHANABERGER & LANE IN MARCH, 2009, SUPPLEMENTED BY HOWARD COUNTY AERIAL TOPOGRAPHY.
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. A REPLACEMENT WELL MUST BE ESTABLISHED ON LOT 1 AND THE EXISTING WELL ABANDONED AND SEALED PRIOR TO SUBMITTAL OF THE ORIGINAL FINAL PLAT FOR SIGNATURE.
4. A NEW WELL MUST BE ESTABLISHED ON LOT 2 PRIOR TO SUBMITTAL OF THE ORIGINAL FINAL PLAT FOR SIGNATURE.
5. THAT PART OF THE EXISTING DRIVEWAY ON LOT 2 TO BE REMOVED WITH THE GRADING PERMIT APPLICATION FOR LOT 2.
6. THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA 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 AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
6. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
7. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS UP HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
8. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. ANY WELL DRILLED WITHIN 10 FEET OF THE USE-IN COMMON INGRESS-EGRESS EASEMENT WILL BE PROTECTED BY BOLLARDS OR LANDSCAPE FEATURE(S).

LEGEND:

- DESIGNATES SLOPES 15% - 24.99%
- DESIGNATES EXISTING MACADAM DRIVEWAY
- DESIGNATES PRIVATE 24' USE-IN-COMMON EASEMENT FOR INGRESS, EGRESS, & MAINTENANCE FOR LOTS 1 & 2.
- DESIGNATES PROPOSED MACADAM DRIVEWAY WIDENING
- DESIGNATES EX. CONTOUR
- DESIGNATES PROPOSED CONTOUR
- GnB DESIGNATES SOIL TYPE
- DESIGNATES EXISTING WOODSLINE
- DESIGNATES EXISTING HOUSE
- DESIGNATES PROPOSED HOUSE
- DESIGNATES PROPOSED WELL LOCATION
- DESIGNATES APPROVED PRIVATE SEWAGE EASEMENT
- DESIGNATES LIMIT OF DISTURBANCE
- DESIGNATES 1500 SQ. FT. WELL AREA
- DESIGNATES PART OF EXISTING DRIVEWAY TO BE REMOVED ALONG WITH GRADING PERMIT APPLICATION FOR LOT 2.
- DESIGNATES FIELD LOCATED PERC TEST (PASSED)
- DESIGNATES FIELD LOCATED PERC TEST (FAILED)



SURVEYOR
SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELICOTT CITY, MD. 21043
(410)-461-9563

I CERTIFY THAT THE LOCATIONS SHOWN 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 Shanabarger
G. SCOTT SHANABARGER
PROFESSIONAL LAND SURVEYOR # 10849

6/17/11

APPROVED:
FOR PRIVATE WATER AND PRIVATE
SEWAGE SYSTEMS

For [Signature]
COUNTY HEALTH OFFICER DATE 6/17/11

OWNER
DR. NADU A. TUAKLI REVOCABLE TRUST
13603 GILBRIDE LANE
CLARKSVILLE, MD 21029
(443)-414-3883

ENGINEER
CIVIL DESIGN SERVICES LC.
6123 HOLLY RIDGE CT.
COLUMBIA, MD. 21044
(410)-532-0572

SOILS			
TYPE	HYDRIC	HYDRIC INCLUSIONS	SLOPES < 15% WITH SIGNIFICANT EROSION POTENTIAL
(GgB) GLENELG LOAM 3-8% SLOPES	X	X	X
(GgC) GLENELG LOAM 8-15% SLOPES	X	X	X
(GnB) GLENVILLE-BAILE SILT LOAM 0-8% SLOPES		BAILE INCLUSIONS	X
(GmB) GLENVILLE SILT LOAM 3-8% SLOPES		BAILE INCLUSIONS	X

REVISED PERC CERTIFICATION PLAT
LOTS 1 & 2
PROPERTY OF DR. NADU A.
TUAKLI REVOCABLE TRUST

SHEET 1 OF 1

TAX MAP 34, GRID 3, PARCEL 8
5TH ELECTION DISTRICT HOWARD COUNTY, MD
ZONED: RR-DEO
DATE: 5/17/2011 SCALE: 1"=100'
REVISED 6/3/2011, 6/17/2011

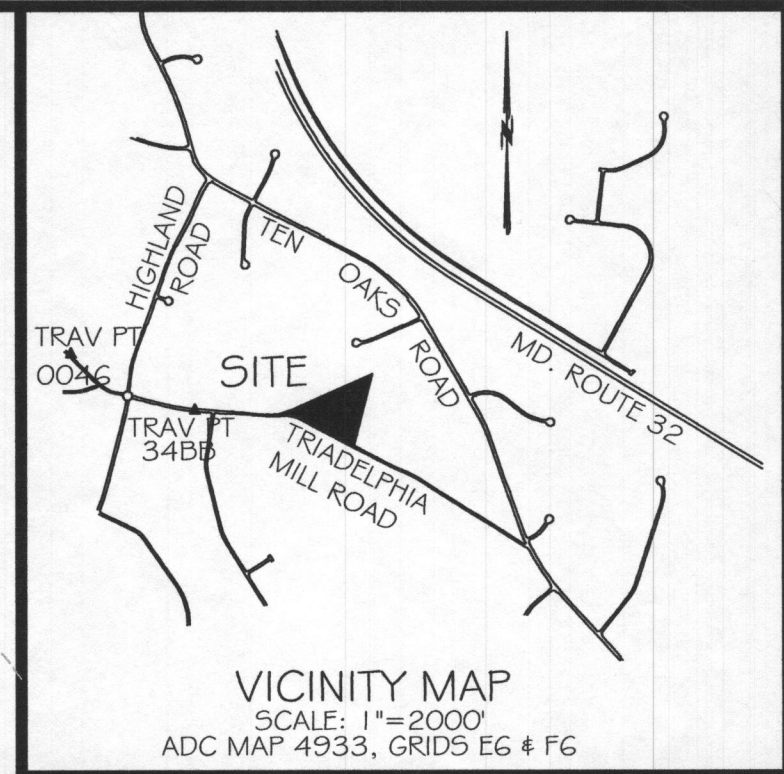
F-11-071
PC-530335

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(GmD) GLEVILLE SILT LOAM 3-8% SLOPES		BAILE INCLUSIONS	X

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