



HOWARD COUNTY HEALTH DEPARTMENT

63009

DATE 6/4/18

AS

Received From

Tomoko Fiduciary Inc.

PHONE #

410 465-6105

For

Pric Application

CASH

CHECK

1563 Old Marlatt Rd

NO.

7970

1000Bine md 20797

1110 Krames Court Silver Spring - Md

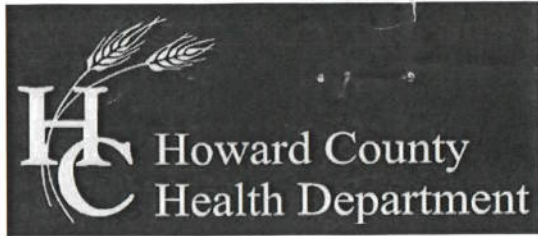
Dollars

\$

506.00

Received By

V. DeKiney



Bureau of Environmental Health
 8930 Stanford Boulevard, Columbia, MD 21045
 Main: 410-313-2640 | Fax: 410-313-2648
 TDD 410-313-2323 | Toll Free 1-866-313-6300
 www.hchealth.org
 Facebook: www.facebook.com/hocohealth
 Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

**APPLICATION
 FOR PERCOLATION TESTING AND SITE EVALUATION**

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME _____
 PROPERTY ADDRESS 1563 Old Annapolis Rd. Woodbine MD 21797
STREET TOWN ZIP
 TAX ACCOUNT # 04-324587 TAX MAP 7 GRID 15 PARCEL 146 LOT NO. _____ PROPOSED LOT SIZE (ACRES) 16.6
 ZONING CATEGORY RC-DEO TIER IV

PROPERTY OWNER(S) Tomas & Juditha Krunkaitis
 DAYTIME PHONE 410-925-1729 CELL _____ EMAIL tomkrun@hotmail.com
 MAILING ADDRESS 1563 Old Annapolis Rd Woodbine MD 21797
STREET CITY, STATE ZIP

APPLICANT John Carney RELATIONSHIP TO OWNER: consultant
 DAYTIME PHONE 410 465 6105 CELL _____ EMAIL jcarney@sei-civilengineering.com
 MAILING ADDRESS 3480 Baltimore National Pk Suite 315 E.C. MD 21043
STREET CITY, STATE ZIP

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S):

PROPERTY:

- SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: _____
 SUBDIVISION CLASSIFICATION (PER DEPT. OF PLANNING AND ZONING) MAJOR MINOR
- CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
- REPAIR OR REPLACE FAILING OSDS
- UPGRADE EXISTING OSDS

BUILDING:

- RESIDENTIAL WITH 6 EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE
- COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- YES
- NO

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
- THE APPLICATION FEE IS NON-REFUNDABLE
- THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
- THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

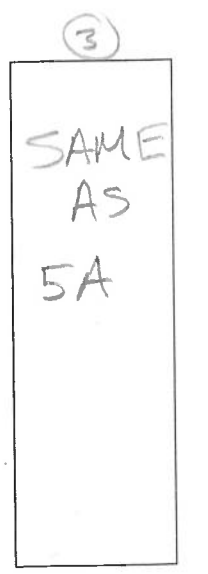
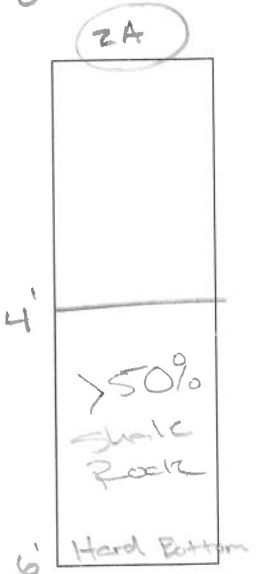
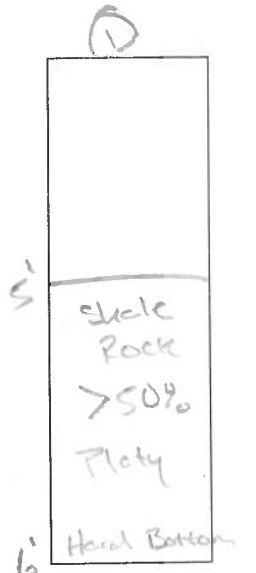
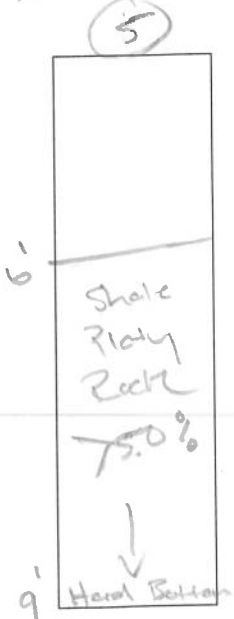
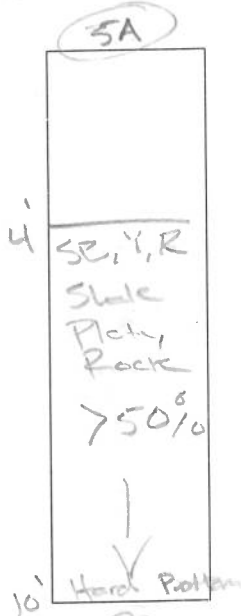
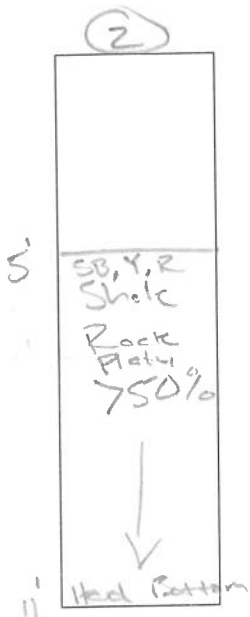
John M. Carney

5/23/18

SIGNATURE OF APPLICANT

DATE

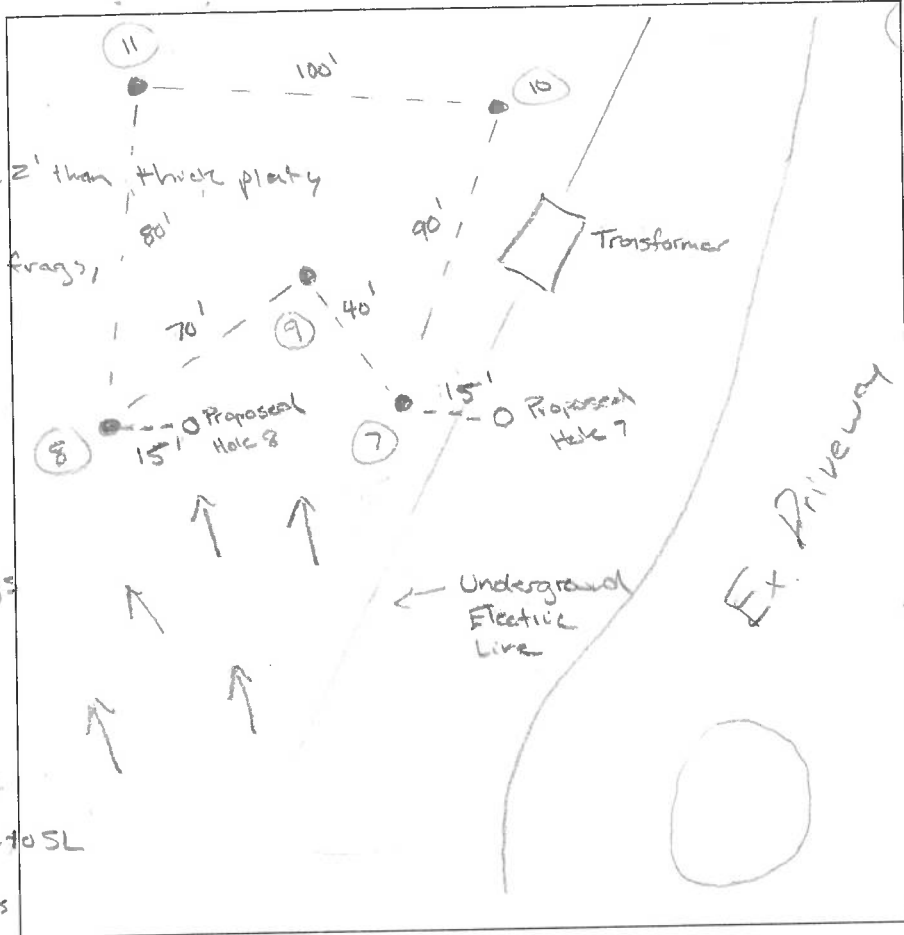
A/P AS63009



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6/27/2018	2	5	U	V	I	S	A
	5A	4	U	V	I	S	A
	5	6	U	V	I	S	A
	1	5	U	V	I	S	A
	2A	4	U	V	I	S	A
	3	4	U	V	I	S	A

REMARKS _____
 SANITARIAN _____ BACKHOE Fogels (Jamie) OTHERS Mr. Krontkautis (owner)
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

AP A563009



10
0.2' DB, L
YR, 1 SBK till 2' then thick platy
L-SL, 20-30%
Rx: Channery -
Coarse cherty
roots till 2'

5'
>50%
Rock
Channery,
Flaggy,
Platy Rx Frags

8'
HARD
BOTTOM

9
0.2' DB, L
YR, RB, 1 SBK
till 2' then
Thick platy, L to SL
20-30% Rx:
Channery frags

5'
>50%
Rock
Channery,
Flaggy,
Platy Rx Frags

8'
HARD
BOTTOM

11
0.1' DB, L
YR, SB, 1V FSBK
to Thick Platy
@ 3', L, 15-30%
Rx: Channery Frags

5.5'
>50%
Rock
Channery,
Flaggy,
Platy Rx Frags

11'
HARD
BOTTOM

7
0.2' DB, L
YR, SB, 1V FSBK
L-SL, 40-50%
Rx: Channery,
Flaggy, Platy
Frags

6'
>50%
Rock
Channery,
Flaggy, Platy
Rx Frags
Some Stones

9.5'
HARD
BOTTOM

8
0.1' DB, L
YR, SB, 1V FSBK
to Platy, SL
20-30% Rx
Channery Frags

6'
>50%
Rock
Channery,
Flaggy, Platy
Frags

10'
HARD
BOTTOM

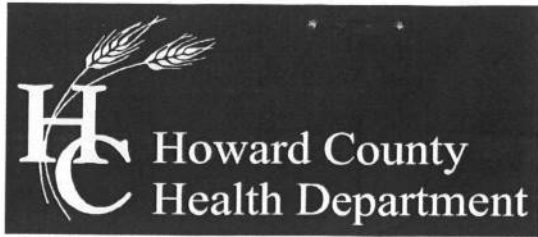
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/18/2018	10	1' 5"	10:09 ₄₅	10:10 ₅₀	10:12 ₅₀	2	P
	9	1' 5"	10:00 ₂₀	10:01 ₀₀	10:02 ₃₀	1.5	F
	9	RP 5"	10:03 ₂₀	10:04 ₄₅	10:06 ₂₀	1.7	F
	9	RP 5"	10:15 ₀₅	10:15 ₂₀	10:16 ₀₀	0	F
	9	1' NEW HOLE	10:23 ₂₀	10:24 ₂₀	10:26 ₂₀	2	P
	11	1' 5.5"	10:44 ₀₀	10:48 ₃₀	10:55 ₃₀	7	P
	7	1' 6"	11:23 ₀₀	11:24 ₃₀	11:27 ₀₀	3	P
	8	1' 6"	11:51 ₃₀	11:53 ₀₀	11:55 ₃₀	2	P

REMARKS Hole 9 had nickle size root hole draining thro, slower drain past rather

SANITARIAN _____ BACKHOE Fogels (Jemie) OTHERS Mr. Krunkaitis (own)

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

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



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

Maura J. Rossman, M.D., Health Officer

Date: July 19, 2018

To: Tomas Krunkaitis and Judita Euskyte
1563 Old Annapolis Rd.
Woodbine, MD 21797

Re: Percolation Test Report
Woodmark, Lot 63 BL E S 3
12124 Carroll Mill Ct.
Ellicott City, MD 21042

Percolation tests were conducted at 1563 Old Annapolis Rd. (Tax Map 07, Parcel 146) on June 27th and July 18th. Tests and profile descriptions were documented for locations 1, 2, 2A, 3, 5, 5A, 7, 8, 9, 10 and 11. Five out of the ten test hole locations passed (7, 8, 9, 10 and 11). All holes must be field located and accurately represented on the perc certification plan.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in the septic reserve area are represented by test locations having satisfactory soil conditions. The area must be large enough to accommodate two replacement systems.

The next step in the process is to have an engineer/consultant submit a percolation certification plan to confirm the design of the sewage disposal area.

Should you have any questions regarding this evaluation, please contact me. I may be reached at (410) 313-6357 or by email rfreemon@howardcountymd.gov

Respectfully,

A handwritten signature in black ink, appearing to read 'Robert Freemon', is written above the typed name.

Robert Freemon
Bureau of Environmental Health
Well & Septic Program

Attachment: Percolation Field Notes



LEGEND

SOILS CLASSIFICATION *MaC*

SOILS DELINEATION

EXISTING CONTOURS

EXISTING STRUCTURE

PROPOSED SEPTIC FIELD

EXISTING WELL

PROPOSED PERCOLATION TEST (8/2018)

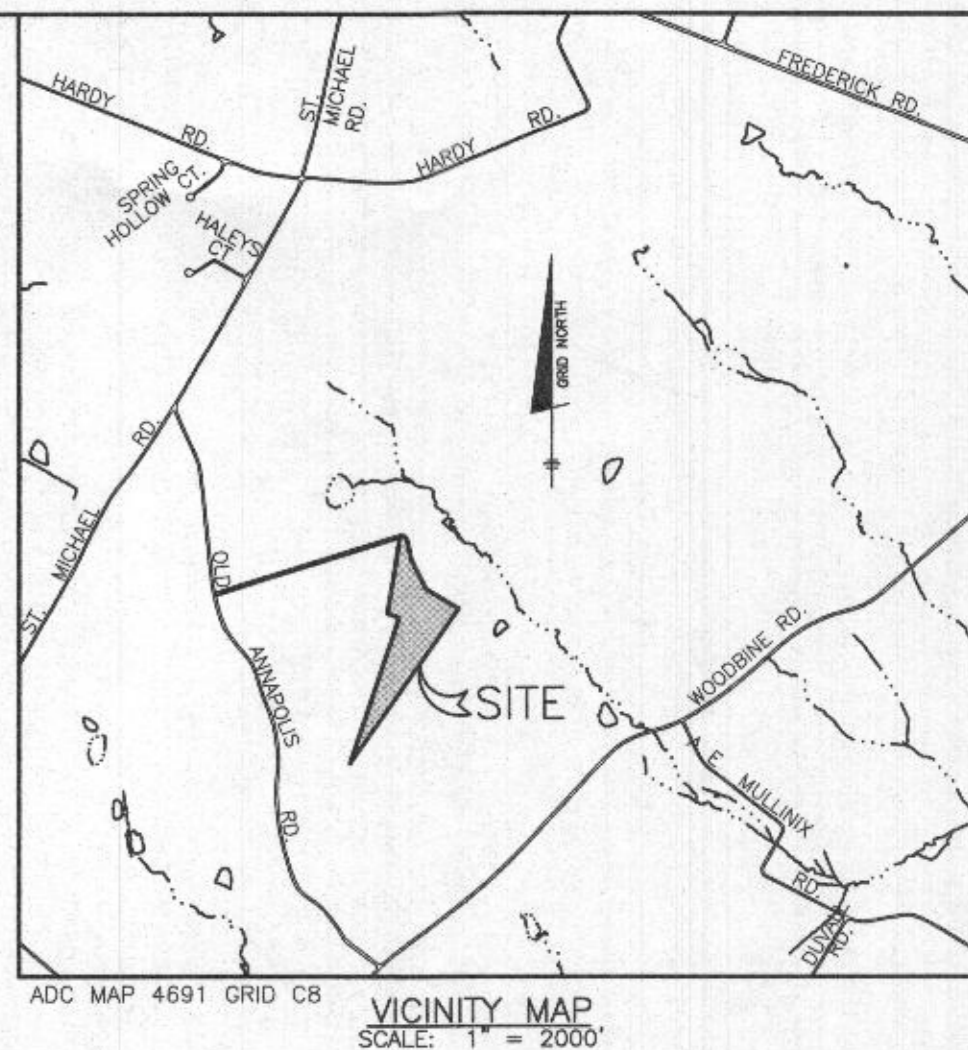
PASSING PERCOLATION TEST (2/1972)

FAILING PERCOLATION TEST (6/2018)

PASSING PERCOLATION TEST (7/2018)

EXISTING WOODS LINE

SLOPES >25%



GENERAL NOTES

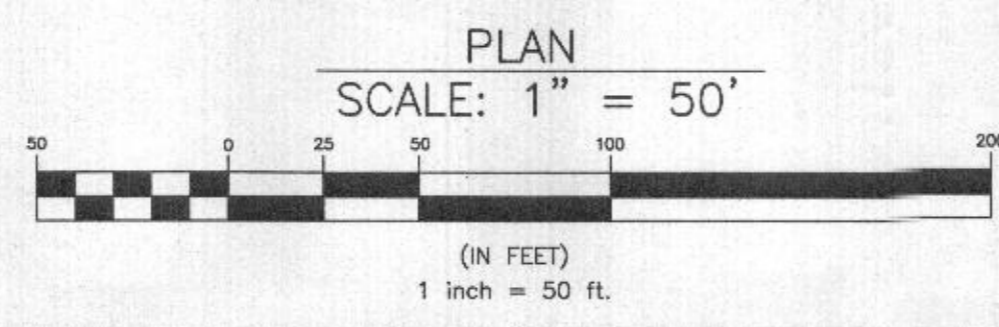
- 1.) THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 2.) THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS AREA 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 SEWAGE DISPOSAL AREA. RECORDATION OF A MODIFIED SEWAGE DISPOSAL AREA SHALL NOT BE REQUIRED.
- 3.) THE EXISTING TOPOGRAPHY SHOWN IS TAKEN FROM HOWARD COUNTY GIS DATA, SUPPLEMENTED WITH SOME FIELD RUN TOPOGRAPHY BY BENCHMARK ENGINEERING, INC., DATED MAY AND JULY, 2018.
- 4.) THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
- 5.) THE PURPOSE FOR THIS PERCOLATION TEST PLAN IS TO CREATE A SEWAGE DISPOSAL AREA AND A WELL BOX IN ORDER TO GET A POOL PERMIT APPROVAL FOR THIS PARCEL.
- 6.) ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- 7.) THE WELLS, TAG NUMBERS HO-94-3113 AND HO-73-0070, HAVE BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. ON JUNE 4, 2018 AND ARE ACCURATELY SHOWN.
- 8.) THE WELL LINE TO THE HOUSE MAY NEED TO BE RELOCATED DUE TO THE CONSTRUCTION OF THE POOL.
- 9.) REPLACEMENTS SYSTEMS IN THE APPROVED SEWAGE DISPOSAL AREA MUST BE SHALLOW SYSTEMS WITH A MAXIMUM BOTTOM DEPTH OF 1.0 FEET.

THE PURPOSE FOR THIS PERCOLATION TEST PLAN IS TO CREATE A SEWAGE DISPOSAL AREA AND A WELL BOX IN ORDER TO GET A POOL PERMIT APPROVAL FOR THIS PARCEL.

SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND

SYMBOL	HYDRIC	HYDROLOGIC GROUP	ALTERNATE GROUP	NAME	K-VALUE
GgB		B		GLENELG LOAM, 3 TO 8 PERCENT SLOPES	0.20
MaC		B		MANOR LOAM, 8 TO 15 PERCENT SLOPES	0.24
McD		B		MANOR LOAM, 15 TO 25 PERCENT SLOPES, VERY ROCKY	0.24
OcB		B		OCOCOQUAN LOAM, 3 TO 8 PERCENT SLOPES	0.20

* INDICATES HYDRIC SOILS
 ** HIGHLY ERODIBLE, K>0.35, AND STEEPER THAN 5% OR 15% AND GREATER SLOPES TAKEN FROM THE NRCS WEB SOIL SURVEY MAY 2018, MAP 2.



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.

John Carney 7/2/18
 JOHN CARNEY, P.E.
 FOR BENCHMARK ENGINEERING, INC.

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

Approved for Maria Rossman 8/2/2018
 HOWARD COUNTY HEALTH OFFICER DATE

NO.	DATE	REVISION
BENCHMARK ENGINEERING, INC. ENGINEERS LAND SURVEYORS PLANNERS 8480 BALTIMORE NATIONAL PIKE & SUITE 315 A ELIJAH CITY, MARYLAND 21043 (P) 410-465-8105 (F) 410-465-6644 WWW.BE-CIVILENGINEERING.COM		
OWNER:		KRUNKAITIS PROPERTY PARCEL 146 TAX MAP: 07 - GRID: 15 - PARCEL: 146 ZONED: RC-DEO ELECTION DISTRICT NO. 4 - HOWARD COUNTY, MARYLAND TAX ACCOUNT IDENTIFIER: 04-324587
TOMAS KRUNKAITIS AND JUDITA RUSKYTE 1563 OLD ANNAPOLIS ROAD WOODBINE, MD 21797 410-925-1729		
PERCOLATION CERTIFICATION PLAN		
DESIGN: JC	DRAFT: JC	DATE: JULY, 2018
		BEI PROJECT NO. 2905
		SCALE: AS SHOWN
		SHEET 1 OF 1