

Bureau of Environmental Health

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

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME ESTATES AT RIVER HILL
PROPERTY ADDRESS 13550 ALLNUTT Lane, Highland MD 20777
TAX ACCOUNT # 05-392284 TAX MAP 34 GRID 23 PARCEL 389 LOT NO. 13 PROPOSED LOT SIZE (ACRES) ONE ACRE
ZONING CATEGORY RR-DE0 TIER III

PROPERTY OWNER(S) Rene Gelber
DAYTIME PHONE 301-919-2615 CELL 301-919-2615 EMAIL N/A
MAILING ADDRESS 13550 ALLNUTT LN, Highland, MD 20777

APPLICANT Tim Keane RELATIONSHIP TO OWNER: CONTRACT purchaser
DAYTIME PHONE 410-480-0023 CELL 443-324-9806 EMAIL tkeane@trinityhomes.com
MAILING ADDRESS 3675 Park Ave E.C. 21043

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

PROPERTY:
SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: 17
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 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.

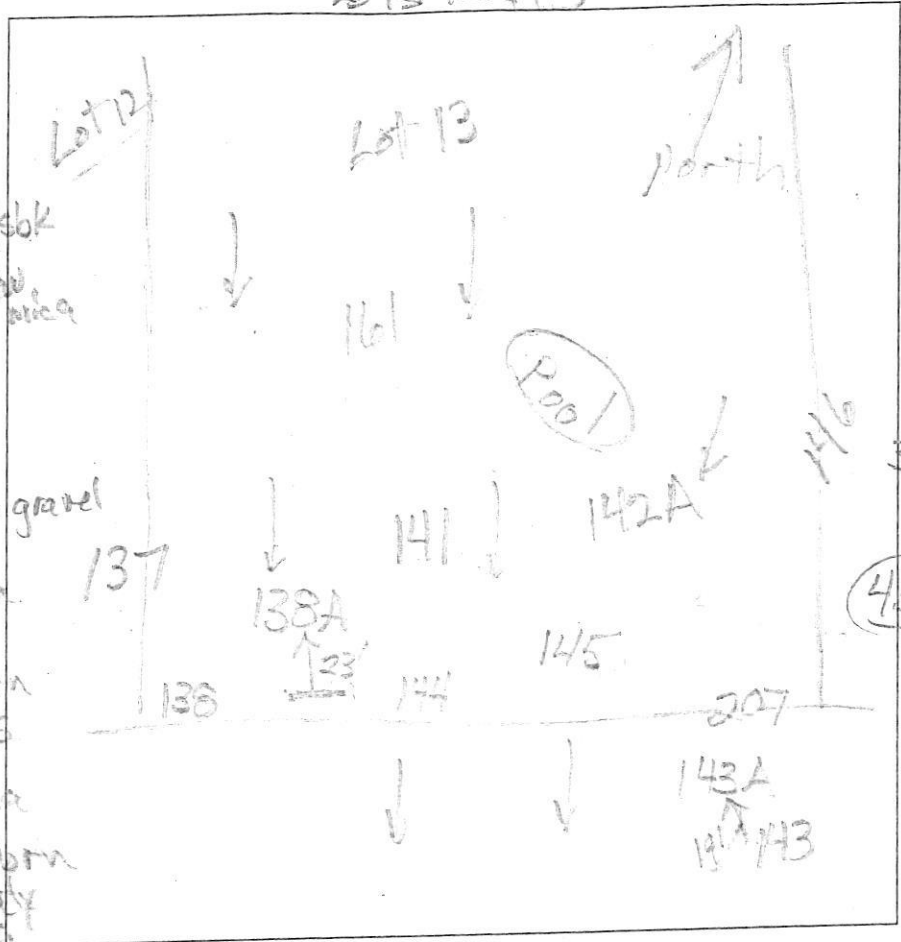
Signature of applicant: [Handwritten Signature] DATE: 10/28/15

lots 12 & 13

141

A/P

144
 dk brn L
 2.5 sbk
 1' 1/2
 1' 1/2
 3' 1/2
 3.8
 4.2
 5.8
 10.7
 dk brn L
 2.5 sbk
 1' 1/2
 1' 1/2
 3' 1/2
 3.8
 4.2
 5.8
 10.7
 yellow-red
 brn white
 ls. thick platy
 many mica
 water



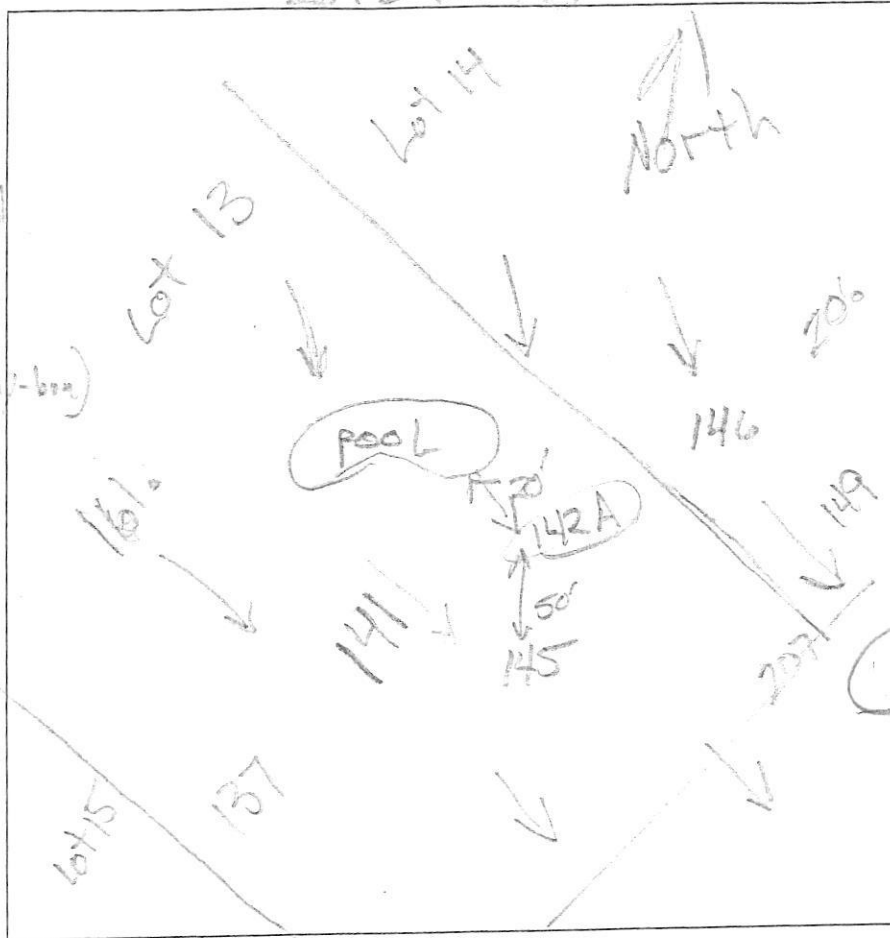
141
 dk brn L
 2.5 sbk
 1.7
 3
 3.7
 4.5
 10
 11
 138A
 10.5
 11.5
 12.6
 13.6
 14.4
 10.5
 10.8
 dk brn L
 2.5 sbk
 1' 1/2
 1' 1/2
 2.5 sbk, ss
 few mica
 red-brn
 & pale brn
 vcl (40% angular
 cobbles)
 ssd (pale yellow
 & grey)
 dk dense
 many mica
 yellow-red
 & dk brn ls
 thick platy
 many mica
 yellow-red
 brn & pale yellow
 ls. thick platy
 many mica

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/15/15	144	6.7/10.7	12:10	12:12	12:15	3	U
12/15/15	138	water at 10.7'	very stony	water at 4.5'	water at 4.5'	1.5	F
12/15/15	143	4.5/10.5	1:00	1:30			F
12/15/15	141	6.3/11	1:29	1:32	1:35	3	P
12/15/15	145	5.8/11	1:40	1:44	1:49	5	P
12/15/15	138A	6/10.5	2:26	2:31	2:52	21	P

138A
 10.5
 11.5
 12.6
 13.6
 14.4
 10.5
 10.8
 dk brn L
 2.5 sbk
 1' 1/2
 1' 1/2
 2.5 sbk
 ss
 few mica
 red-brn L
 2.5 sbk
 red-brn s
 thick platy
 many mica
 yellow-red dk brn
 & pale brn ls
 thick platy
 many mica
 gray, pale yellow
 & yellow-red ls
 moist

REMARKS 138A is 20 feet uphill of #138 & #144 stakes
 SANITARIAN _____ BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____
 yellow-red, pale yellow & dk brn ls; water

Lots 12 & 13



161

dk brn l
2' ssbk
dk brn l
1' ssbk
dk brn l
yel-brn l
1' ssbk
yel-brn l
2' ssbk
yel-red
vols
35% rock
yel-red sl
thick platy
many mica, ss
red-yel, dk brn
yellow, ss
thick platy
many mica
red-yel, pale
brn
grey-brn
ls, thin platy
many mica

APV

142A

0.2' dk brn l
2' ssbk

0.7' brn l & reds
thin platy

0.7' yel-brn l
om, 2' sp
(dk grey-brn)

2' dk brn l
1' ssbk

2.3' dk grey-brn
& yel-brn
1' ssbk

2.8' yel-brn l
2' ssbk

3.8' brn l, om
dense

6' yel-red sl
om, dense

6.8' yel-red
brn & pale brn
ls, thin platy

11.5' 162
dk brn l
to 2' ssbk

0.8' brn l, 3' ssbk
to 2' ssbk, ss

1.8' yel-red &
yel-brn vol l, ss

2.5' yel-red
thick platy

4.2' few mica, ss
yel-red & brn
sl, thick platy

5' om mon
mica
red-yel, pale brn
grey-brn ls
thick platy, many mica/12.5'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/16/15	142A	6.8' / 11.5'	3:16	3:46			F
12/16/15	161	6.3' / 12'	3:50	4:02	4:17	15	P
12/16/15	167	6.3' / 12.5'	3:55	3:57	4:01	4	P

REMARKS _____

SANITARIAN R. Bricker BACKHOE Trinity Homes OTHERS Tim Leano

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

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

12



lots 12 & 13

A/P



- 141
dk brn L
2msbk
- 1.7
red-brn L
2msbk
- 3
red-brn ol
2msbk, ss
few mica
- 3.7
red-brn
& pale brn
vcb L (40% angular
cobbles)
3d (pale yellow
& grey)
- 4.5
thin dense
many mica
- 10
yellow-red
& dk brn ls
thick platy
many mica
- 11
yellow-red
brn & pale yellow
ls, thick platy
many mica

- 144
dk brn L
2msbk
- 1
yel-brn L, 2msbk
- 3
yel-brn L, 2msbk, ss
mica
- 3.8
yel-brn L
om, dense
few mica
10% quartz gravel
- 4.2
brn grsl
om, common
mica
- 5.8
yel-red, brn
& yellow ls
thin platy
many mica
- 10.7
brn & pale brn
ls, thick platy
many mica
- yellow-red
brn, white
& grey
ls, thin
many mica
Water

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/15/15	144	6.7/10.7	12:10	12:12	12:15	3	U
12/15/15	138	water at 10.7'	very stony	layer at 4.5'			
12/15/15	143	4.5/10.5	1:00	1:30			F
12/15/15	141	6.3/11	1:29	1:32	1:35	3	P
12/15/15	145	5.8/11	1:40	1:44	1:49	5	P
12/15/15	138A	6/10.5	2:26	2:31	2:52	21	P

- 145
dk brn L
2msbk
- 1.4
brn L, 1msbk
- 3.6
yel-brn L
2msbk
- 3.6
red-brn
2msbk (3d
grey)
- 3.6
yel-red
sl, om, dense
- 5
yel-red & pale brn
vcb ls (5% angular cobbles)
- 7
yel-red, dk brn
& pale brn ls
thick platy, many mica
- 11
yellow-red, pale yellow & dk brn ls; water

- 138A
dk brn L
2msbk
brn & dk brn
L, 2msbk
- 2.6
red-brn L
2msbk
- 3.6
red-brn L
thick platy
many mica
- 10.4
yel-red dk brn
& pale brn ls
thick platy
many mica
gray, pale yellow
& yellow-red ls
moist
- 10.8
water at
bottom

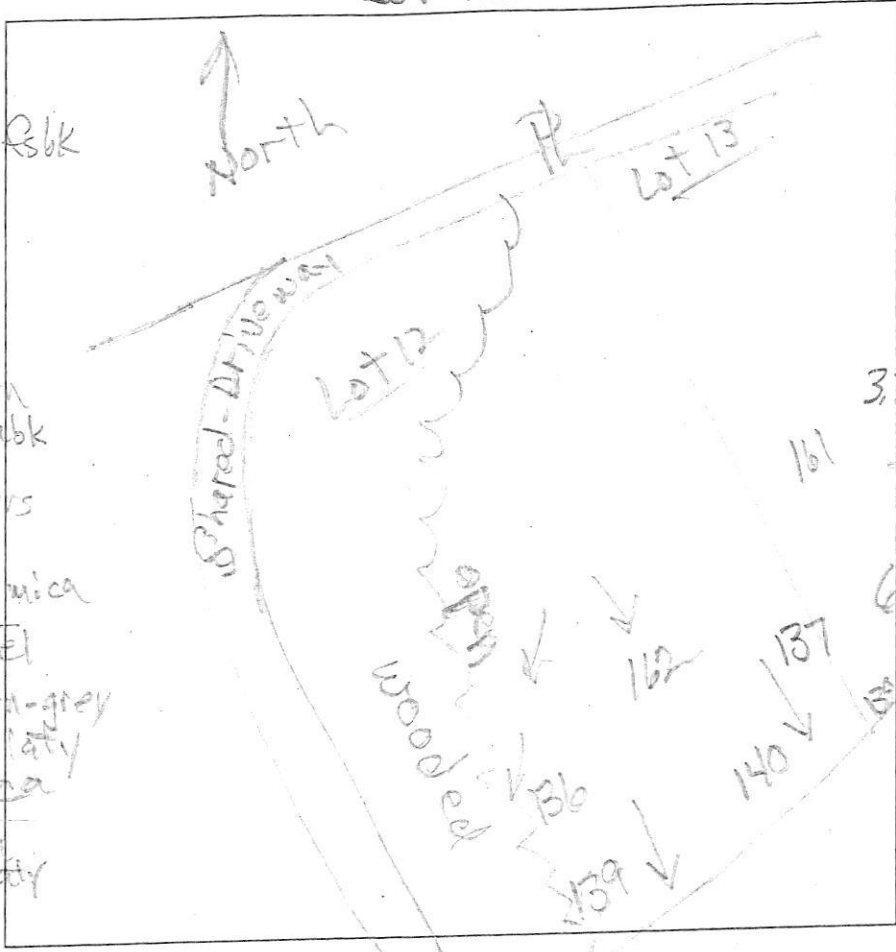
REMARKS 138A is 20 feet uphill of #138 & #144 stakes

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

Lot 12



A/P

136
 0.7' dk brn L, 3v fsk
 yel-brn L
 2 fsk, ss
 1.4' red-brn cl
 2 fsk, ss
 2' brn & red-brn
 vch L, 2 v fsk
 clay skins
 40% channers
 3' yel-red sl
 fm, ss, few mica
 5' pale red-yel
 pale brn & brn-grey
 10' thick platy
 many mica
 7.3' red ls, thin
 many mica
 12'

139
 dk brn L
 3v fsk
 yel-brn L
 2 fsk
 red-brn cl
 2 fsk, ss
 1.7' red-brn L
 2 fsk, ss
 few mica
 3.3' red-yel v cbsl
 yel-red & brn
 vch cl 50%
 sub-angular
 cobbles
 6.8' yel-red ls
 brn ls
 fm, many
 mica
 11' (water-11')
 pale yel-red ls, mica
 & dk brn sl, many mica
 fm, m2d (pale
 yellow)
 & c2f (grey)

140
 dk brn L
 2v fsk
 red-brn L
 2 fsk, few
 mica
 1' red-brn
 cl, 3 fsk
 few mica
 2' brn cbl
 fm dense
 3.3' pale brn
 & pale yellow
 sl, fm
 dense, ss
 5.5' olive ls
 fm, many
 mica
 11' 139 (pale yellow)

137
 dk brn L
 2v fsk
 0.8' brn L, 2 fsk
 red-brn cl
 2 fsk few
 mica, ss
 2.5' yel-red grsl
 fm, ss
 5% quartz gravel
 1.5' yel-red
 pale brn & grey-brn
 ls, thick platy
 many mica

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/15/15	136	5' 12"	9:52	9:22			red sl
	136	6' 4" 1/2	10:52	10:58	11:08	10	P
12/15/15	139	5' 5" 1/11	10:06	10:14	10:28	14	P
12/15/15	140	5' 3" 1/11	11:03	pulled at 11:11 no movement			R
12/15/15	140	6' 5" 1/11	11:21	11:26	11:33	7	P
12/15/15	137	4' 7" 1/11	11:30	11:35	11:42	7	P

REMARKS _____

SANITARIAN R Bricker BACKHOE Trinity Homes OTHERS Tim Koop

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

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

