

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 ESTATES AT RIVER HILL  
 PROPERTY ADDRESS 13550 ALLNUTT lane, Highland MD 20777  
STREET TOWN ZIP  
 TAX ACCOUNT # 05-392284 TAX MAP 34 GRID 23 PARCEL 389 LOT NO. 16 PROPOSED LOT SIZE (ACRES) ~7.3± Ac.  
ONE ACRE  
 ZONING CATEGORY RR-DEO TIER III Parcel 1A

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  
STREET CITY, STATE ZIP

APPLICANT Tim Keane RELATIONSHIP TO OWNER: CONTRACT purchaser  
 DAYTIME PHONE 410-480-0023 CELL 443-324-9806 EMAIL TKeane@trinityhomes.com  
 MAILING ADDRESS 3625 Park Ave E.C., 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: 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.

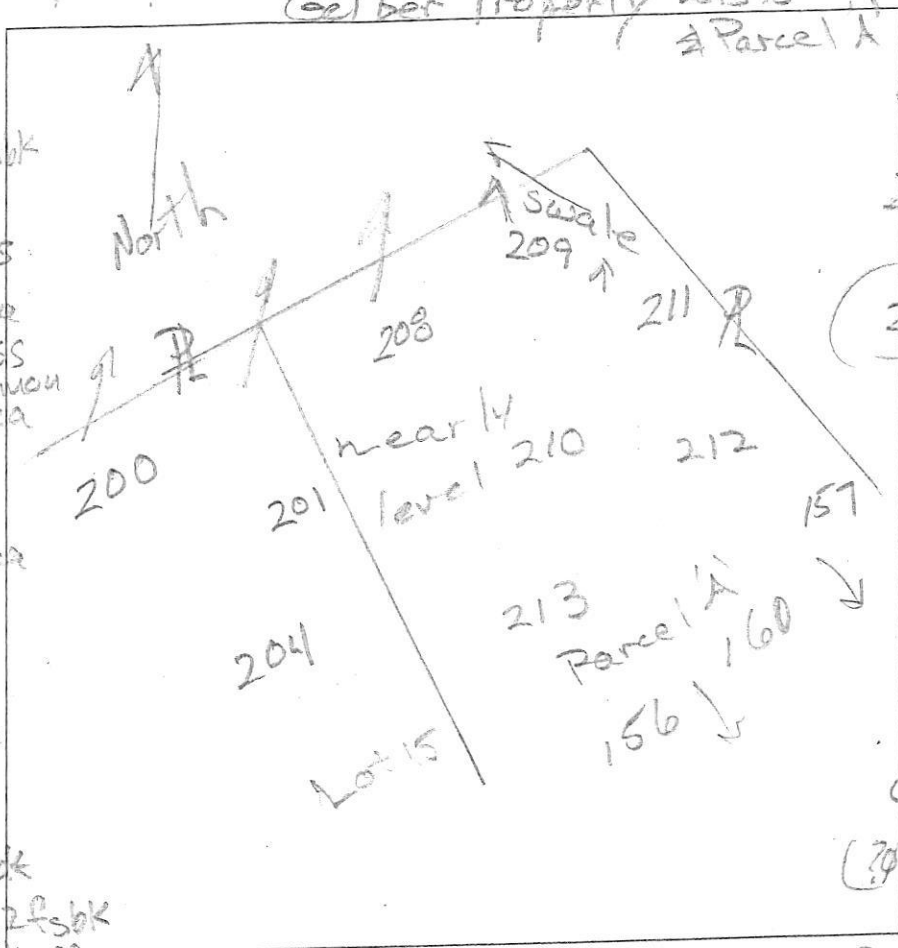
By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

Tim Keane 10/28/15  
 SIGNATURE OF APPLICANT DATE

# Galber Property Lots 15

(211)

AP



(209)  
 13' dk brn L, 30' sbk  
 brn L, 2' sbk  
 26' yel-red cl, ss  
 2' msbk, mica  
 4' yel-red L, ss  
 1' msbk, common mica  
 yel-red sl  
 thick platy  
 common mica  
 6.5' brn, yellow  
 & grey ls  
 thin platy  
 many mica  
 12.2'

0.3'  
 1' dk brn L  
 30' sbk  
 yel-red sl  
 2' 2' sbk  
 2' red, brn  
 & grey-brn  
 sl, thick platy  
 common mica  
 2.9'  
 2' brn, yellow  
 & grey ls  
 thin platy  
 many mica  
 1' (3p white)

(208)  
 dk brn L, 20' sbk  
 dk brn & brn L, 2' sbk  
 brn L, 2' msbk, ss  
 24' yel-red L  
 thick platy, ss  
 common mica  
 3' brn & yel-red  
 sl, thick platy  
 many mica  
 4.5' brn, yellow  
 & grey-brn ls  
 thin platy  
 many mica  
 13'

(201)  
 0.1' dk brn (frozen)  
 red-yel & grey  
 ls, mica  
 0.3'  
 red & brn L  
 (20m) few platy, ss  
 common mica  
 1.5'  
 brn L, 2' sbk  
 2'  
 red-brn L, ss  
 2' 2' msbk  
 common mica  
 3'  
 brn & yel-red  
 sl, thick platy  
 many mica  
 4'  
 red-yel, pale  
 & grey-brn  
 ls, thick platy  
 many mica  
 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1/5/16	209	5.8' 12.2'	11:11	11:27	11:52	25	P
1/5/16	209	12.2'	Visual	6.5' - 8' sidewall	0.8' on 1/2"		P*
1/5/16	211	5.5' 12'	11:21	11:23	11:26	3	P
1/5/16	208	5.3' 13'	11:59	12:04	12:16	12	P
1/5/16	201	5' 12'	12:24	12:27	12:32	5	P
1/5/16	200	5.2' 12'	2:28	2:30	2:34	4	P

(200)  
 dk brn L, 2' sbk  
 brn L, 2' sbk  
 0.7' yel-red L  
 2' sbk to 2' sbk  
 ss, low mica  
 17' yel-red & red-yel  
 sl, thick platy  
 many mica  
 25' red-yel, yellow & brn  
 sl, thick platy, many mica  
 39' dk brn, yellow & red-yellow ls, thick platy, many mica / 12'

REMARKS \_\_\_\_\_

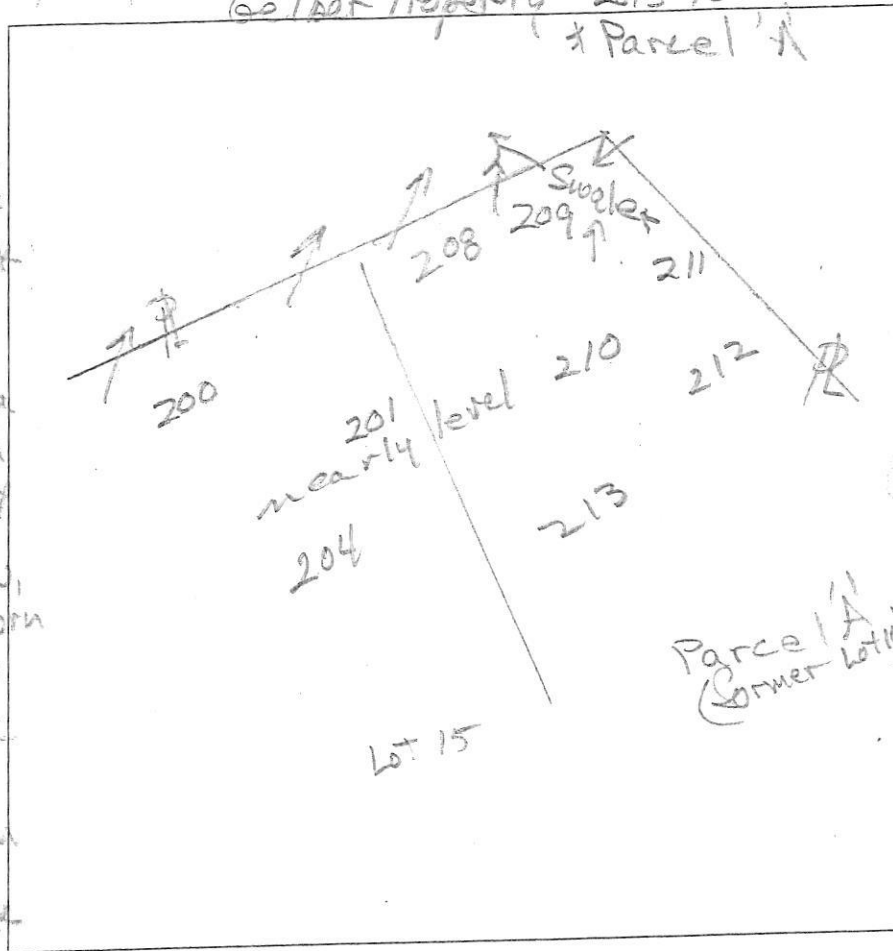
SANITARIAN R. Bricker BACKHOE Trinity Hours OTHERS T. M. Keane

(TEST HOLES USED IN SDA) \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

Collier Property Lots 15  
Parcel A

A/P \_\_\_\_\_



210  
0.3' grey ls, sm few mica  
0.8' brn L, 2 psbk few mica  
2' yel-red sl 2msbk, few mica  
2.5' yel-red & brn sl, thick platy many mica  
3.7' red-yel, yellow, pale brn & gray-brn ls, thick platy many mica

213  
0.4' brn & gray, dm frozen  
0.5' brn L, 2 psbk  
2' yel-red sl 3msbk, f. mica  
2.4' thick platy common mica

3.5'  
yellow, red sl, thick platy few mica  
red-yel, yellow pale brn & brn sl, thin platy common mica

204  
0.5' dk brn & grey (frozen) dm  
2' yel-red & 3msbk, ss few mica  
red-yel & brn sl thick platy many f. mica  
3' red-yel, yellow brn & grey-brn ls, thin platy many mica

212  
1.7' dk brn & grey (frozen) dk brn L, platy yel-brn L, platy brn L, platy  
2' red-brn sl  
2.5' sbk, ss  
3' yel-red & brn sl, thick platy dense, few mica

5.4'  
3' yel-red & dk brn ls thin platy many mica  
yel-red, yellow & grey-brn ls, thick platy many mica

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1/5/16	210	12'	Visual	3' - 8'	sidewall	1:20 - 1:22	P
1/5/16	213	5.3' / 12'	1:21	1:26	1:36	10	P
1/5/16	212	12'	Visual	3' - 8'	sidewall	1:20 - 1:22	P
1/5/16	204	5.3' / 12'	1:48	1:50	1:53	3	P

REMARKS \_\_\_\_\_

SANITARIAN R Bricker BACKHOLE Trinity Homes OTHERS Tim Keone

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

Lots 14, 15 & 16

A/P



(152)  
 0.5' dk brn ch  
 2v ssbk  
 1.7' brn & red  
 chel, 3 ssbk, ss  
 3.8' red l, thin  
 dense, platy  
 ss  
 6.5' yel-red sl  
 thick plat  
 common mica  
 7.4' red-yel & brn  
 thin platy sl  
 many mica  
 dense  
 12' pale red pale yellow  
 & grey brn ls  
 thin platy many mica

(159)  
 0.5' dk brn l  
 2v ssbk  
 red l  
 2.5' 2 m ssbk, ss  
 red-yel  
 & brn s, ss  
 thin platy  
 4' red-yel brn  
 1.5' thick  
 platy  
 many mica  
 several layers  
 of pills  
 1.2' thick

(153)  
 0.2' dk brn, 2v ssbk  
 0.8' yel-brn, gm  
 2.5' brn l, 2v ssbk, ss  
 5.4' yel-red & brn  
 2' thick platy  
 ss, common  
 mica

(155)  
 0.2' dk grey/mick  
 red & brn  
 s, 3 m ssbk  
 1.5' red s, platy  
 thick platy  
 ss common  
 mica  
 3' red-yel, pale brn  
 & grey-brn  
 ss, mica  
 <30% rock

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/16/12	152	8 1/2'	12:17	12:38	1:08	30	P
12/16/12	153	6 1/2'	12:31	12:39	no more new rock		
12/16/12	154	8 1/2'	1:09	1:37			F
12/16/12	159	4 1/2'	12:48	12:54	1:07	15	P
12/16/12	155	6 1/2'	1:13	1:15	1:19	4	D
12/16/12	148	7 1/2'	1:43	2:21			F

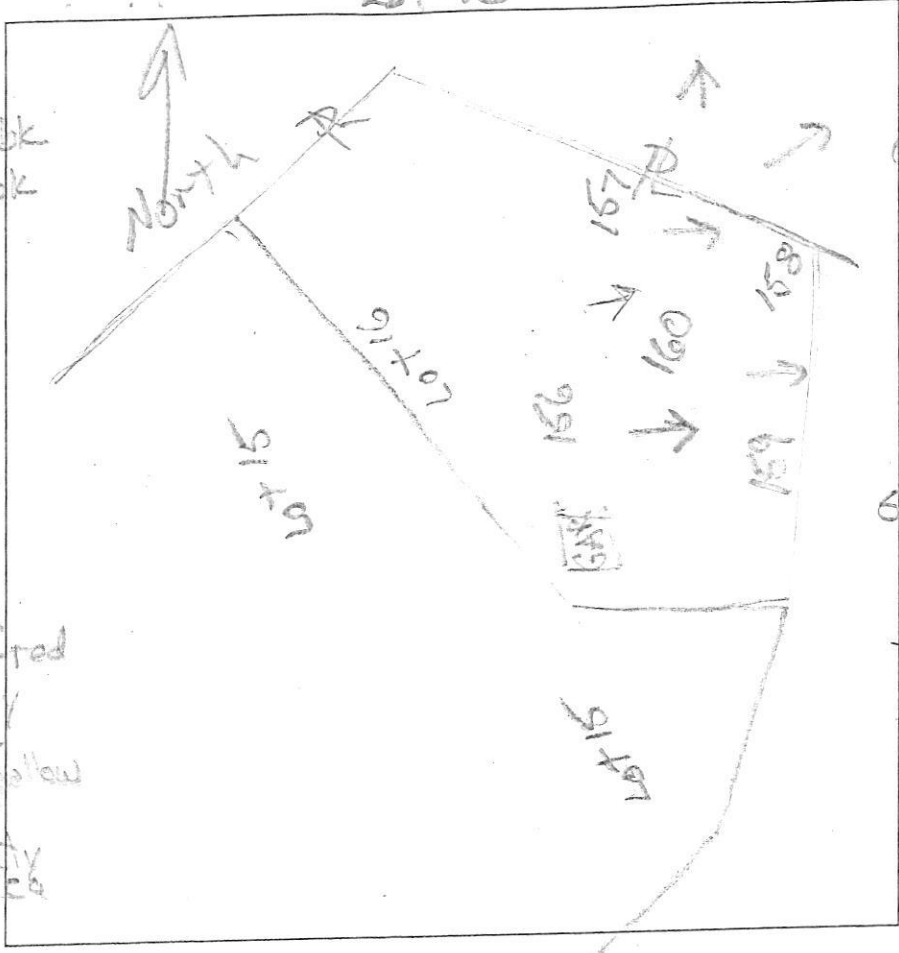
3.8' brn & pale brn  
 pills thick  
 platy  
 12' (148)  
 dk brn  
 & dk, grey-brn  
 l, 2v ssbk  
 0.2' brn l, 3v ssbk  
 ss  
 1.8' yel-red & brn  
 chel, few mica  
 2.5' yel-red sl  
 gm, dense  
 ss, common mica  
 5'

5.8' pale yellow  
 & grey-brn  
 ls, thin platy  
 few mica  
 12' (148 cont.)  
 5' red-yel  
 pale brn & grey-brn  
 ls, thin platy  
 dense, few mica  
 8.5' pale brn  
 & brn ls  
 12' yellow s + pills  
 thick platy

REMARKS \_\_\_\_\_  
 SANITARIAN R Brickor BACKHOE Trinity Jones OTHERS Tim Keano  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

A/P

Lot 116



158  
 0.7' brn sl, 2 vlsbk  
 1.2' brn sl, 1 vlsbk  
 1.2' lt. brn sl, 2 vlsbk  
 3' red-brn sl, 2 vlsbk, ss  
 few mica  
 4.3' yellow-red & pale brn ls  
 thin platy dense  
 7.1' red-yel, brn pale-brn & yellow  
 ls, thick platy, few mica  
 11' yellow, pale yellow & gray-brn ls, thick platy, few mica

160  
 0.7' dk brn, 2 vlsbk  
 1.2' brn L, 2 vlsbk  
 3' red-brn sl, 2 vlsbk, ss  
 4' yellow-red L, thick platy, common mica  
 5.5' yellow-red & brn sl, thick platy, many mica  
 7.1' red-yellow & grey-brn ls, thin platy, few mica  
 11' pale yellow & pale brn ls, thick platy

157  
 0.7' brn sl, 2 vlsbk to 1 vlsbk  
 2.8' red-brn sl, 2 vlsbk to 1 vlsbk  
 4.3' brn yellow & red-yellow ls, thin platy, many mica  
 11' yellow, pale yellow & pale brn ls, thick platy, few mica

156  
 0.5' dk brn L, 3 vlsbk  
 1.8' brn & red-brn sl, 2 vlsbk, ss  
 2.5' brn L, thin dense platy  
 4' red-yellow sl, dense, ss  
 5.8' yellow yellow-red & grey-brn ls, thin platy, few mica  
 12' yellow yellow-red & grey-brn ls, thin platy, few mica

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/16/15	158	5.5/11'	11:18	11:20	11:23	3	P
12/16/15	157	11'	Visual	7:00-7:00	11:29	10:12	P
12/16/15	160	5.5/11'	11:57	11:54	11:57	3	P
12/16/15	156	7 1/2'	12:02	12:07	12:12	5	P
12/16/15	159	4.9/12'	12:43	12:54	1:09	15	P

REMARKS \_\_\_\_\_  
 SANITARIAN R Bricker BACKHOE Trinity Homes OTHERS Tim Keane  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_