

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 555343

AGENCY REVIEW: \_\_\_\_\_

DATE 12-14

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 5 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) Gilliece Family, LLC.

DAYTIME PHONE 410-531-0797 CELL 410-916-4164 FAX \_\_\_\_\_

MAILING ADDRESS 13111 Linden Church Road Clarksville MD 21029-1174  
STREET CITY/TOWN STATE ZIP

APPLICANT Development Design Consultants, Inc. - Brian Collins

DAYTIME PHONE 410-386-0560 CELL 410-336-6362 FAX 410-386-0564

MAILING ADDRESS 192 E. Main Street Westminster MD 21157  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Resubdivision of Lot 2 of the Diehl Property LOT NO. Lot 33

PROPERTY ADDRESS S/E River Road Sykesville 21784  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 09 GRID 06 PARCEL(S) 66 PROPOSED LOT SIZE 1.14 AC

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.

BAColl  
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

Lots 34 & 33

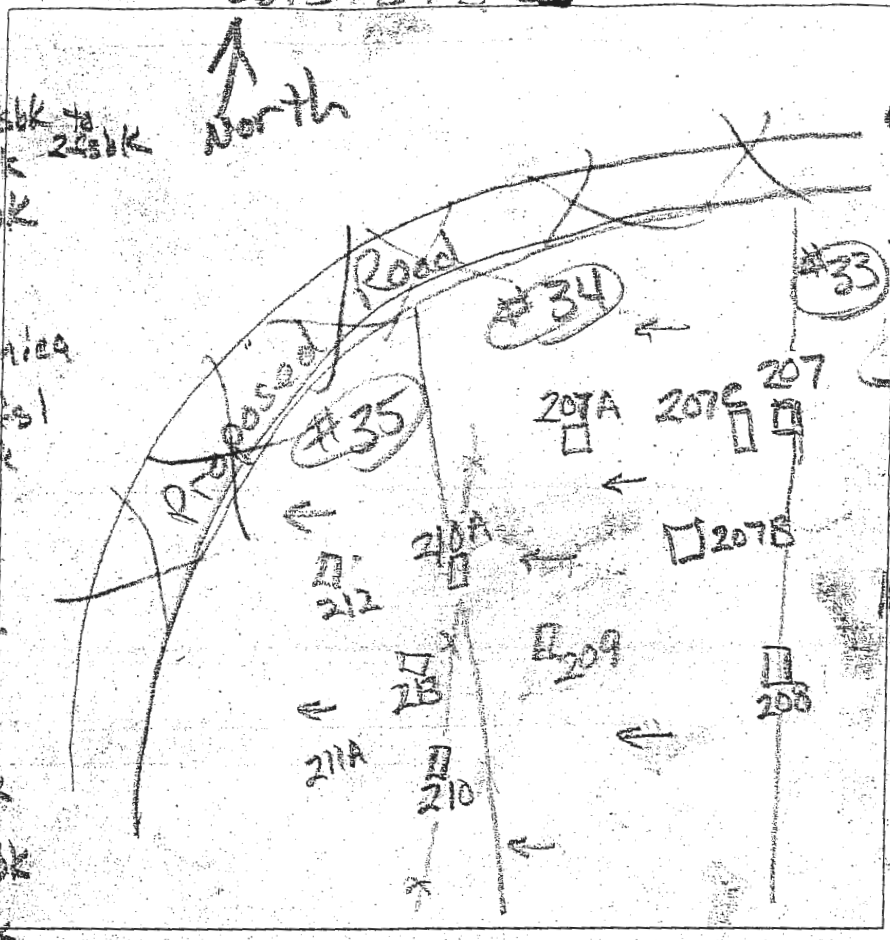
2078

A/P

**210A**  
 1' dk brn L 2 rfsbk to 2 rfsbk  
 brn L, 2 rfsbk  
 brn L, 2 rfsbk  
 2.5' SS  
 brn L, 8m  
 SS, common mica  
 3.6' red & yellow fs  
 many mica  
 8' yellow  
 olive  
 8.1' water

**210**  
 dk brn L  
 2 rfsbk to 2 rfsbk  
 0.9' brn L, 2 rfsbk  
 1.4' brn L, 2 rfsbk  
 SS  
 2.2' brn L, 8m  
 many mica  
 3' red & pale  
 fs, many mica  
 8.2' yellow  
 grey  
 fs, 8m  
 9' water

**209**  
 dk brn L  
 2 rfsbk  
 0.8' brn L  
 2 rfsbk to 2 rfsbk  
 2.5' brn L, 1 rfsbk  
 many fine mica  
 3' red & brn  
 fs, many fine mica  
 1' red  
 7' water seeps



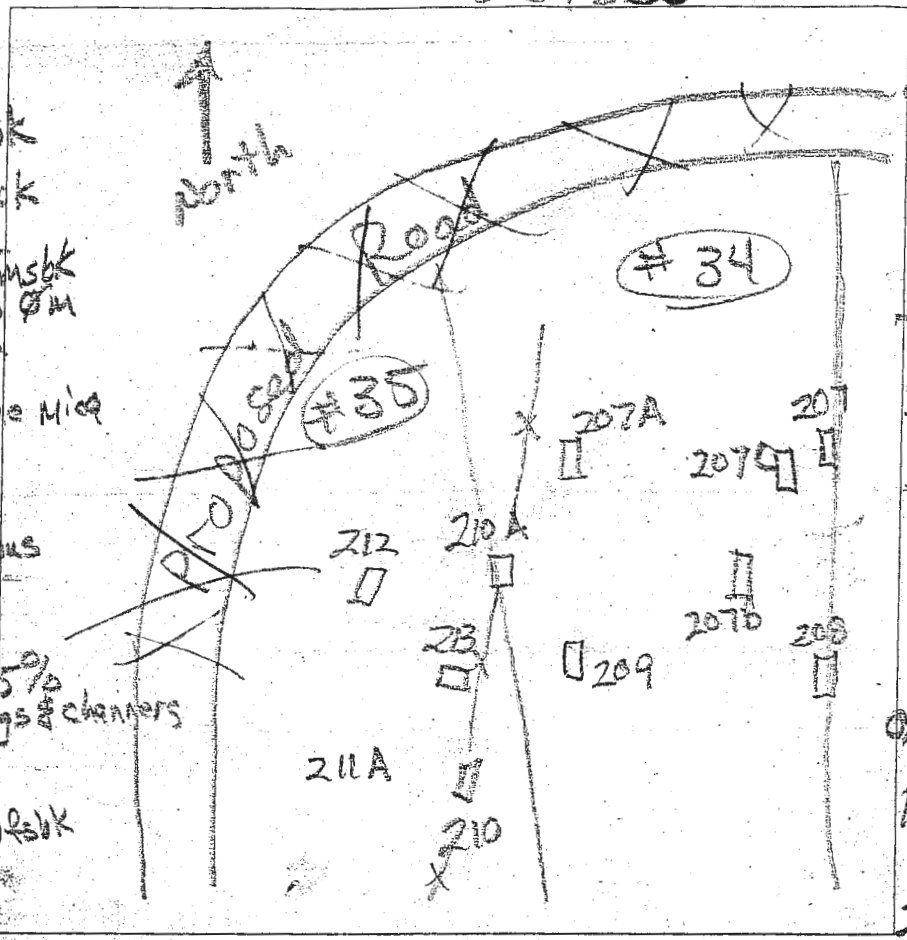
0.5' dk brn L  
 2 rfsbk  
 2.5' brn L  
 2 rfsbk  
 brn L, 8m  
 common  
 mica  
 3' brn L  
 8m  
 many  
 mica  
 6.5' yellow  
 10.5' water

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/25/14	210A	3.8' / 8.1'	3:05	3:15	3:29	14	P
4/25/14	210	3.8' / 9.3'	3:22	3:30	3:43	13	P
4/25/14	209	3.8' / 7'	3:49	3:57	4:08	11	residual 209 4' buffer
4/25/14	207B	10.6'	Visual		3' to 15'	0.8' / 1.0'	P
4/25/14	209	3' / 7'	10:47	10:50	10:56	6	P

REMARKS  
 SANITARIAN R Bricker BACKHOE Chuck Zep OTHERS Jeremy Kutter  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

Lots 34 & 33

306



AP

208

0.8' dk brn L  
1 1/2' to 2 1/2' fslbk

2.5' brn L, 2' ssbk

3.5' red & brn g l  
1' msbk to 8' m

red, yel & brn  
sl, 1' imp  
many very fine mica

11.5' red & gray  
fsl, 3' imp  
fsl, micaceous

207

4' & below, >55%  
flags & chert

207A

dk brn L, 1 1/2' to 2 1/2' fslbk

brn chl  
2' fslbk

1' brn L, 2' ssbk

22' red L, 1' msbk

3' com. v. f. mica

red & brn sl

4.5' com. v. f. mica

red & pale brn  
fsl & id (blk)

8' - water

212

0.8' dk brn L, 2' ssbk

2' brn chl, 1' ssbk  
ss

brn L, ss

2.5' com. v. f. mica

brn, pale brn  
& pale red

3' fsl, many of mica

brn sl  
withens of white sl

9' - water

0.7' dk brn L  
2' fslbk

brn L, 2' ssbk  
ss, com. mica  
clay skins

1.9' red chl  
1' msbk, many  
mica

3.5' red & yellow  
sl, few chert  
many mica

7.5' red & brn fsl  
many mica

10' red & brn  
fsl

red-yellow  
sl, many mica

14.5'

213

0.5' flk brn L, 2' fslbk

brn L, 2' ssbk

1.1' clay skins

brn chl, 2' ssbk

2' clay skins

red brn fsl  
many fine  
very fine mica

9' pale brn & gray  
fsl, many mica  
black coatings  
water 4-10"

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/25/14	208	4.5' / 12'	12:17	12:20	12:25	5	P
4/25/14	207	4'	Visual	Rock Frag > 55%			F
4/25/14	306	5.3' / 14.5'	12:35	12:39	12:47	8	P
4/25/14	207A	4' / 8'	12:52	1:20	1:50	30	P
4/25/14	212	3.8' / 9'	1:24	1:28	1:36	8	P
4/25/14	213	4.3' / 9'	1:40	1:52	2:13	21	P

REMARKS SS = slightly sticky

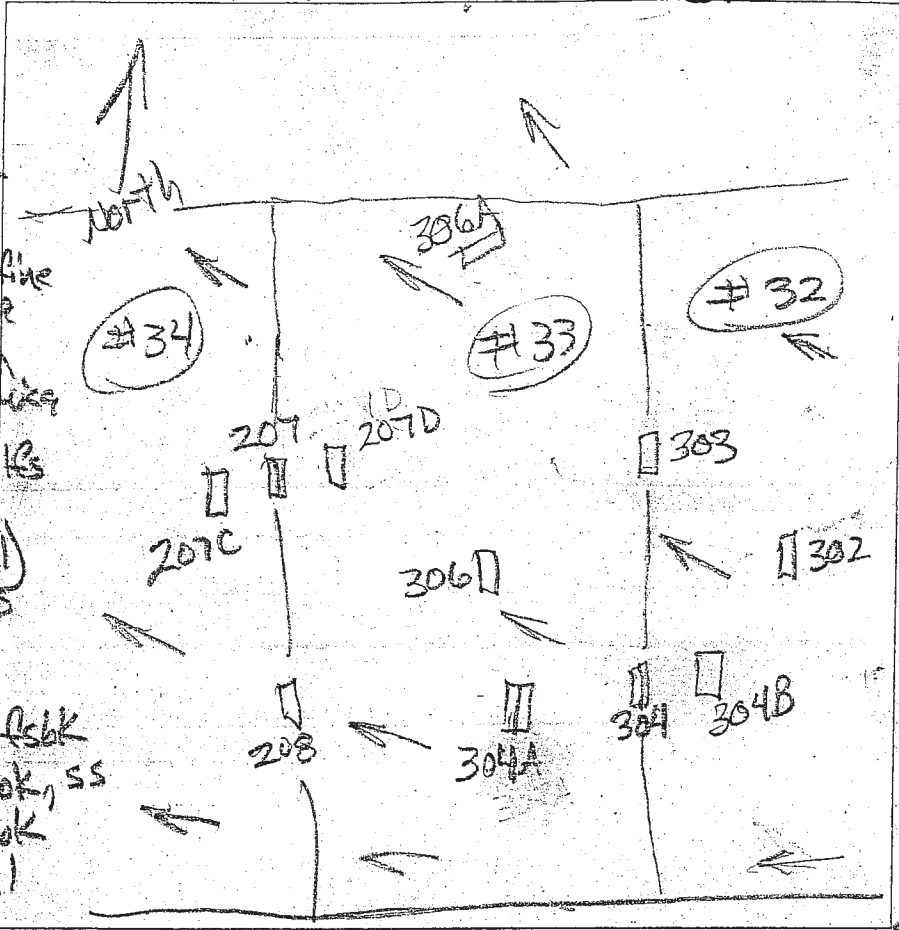
SANITARIAN K Bricker BACKHOLE Chuck Zapp OTHERS Jeremy Rutter

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

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

lots 32, 33 & 31

304A



AP  
 304-B  
 dk grey-brn L  
 2 ss bk  
 13' brn L, 2 csbk  
 brn chs  
 1 msbk, many fine mica  
 1.7' brn & pale brn  
 fl, many fine mica  
 2.5' red & red yel Ks  
 6.5' red-yel Ks  
 3 vcp (vertical)  
 many Mn coats  
 11.5'

207-D  
 dk brn L, 2 v f sbk  
 brn L, 3 csbk, ss  
 to brn L 2 csbk  
 2' brn & red fl  
 many mica  
 few channels  
 3.5'

brn, red  
 & red-yel  
 Ks many mica  
 9.7'

red & red-yel  
 Ks, 2 vcp  
 com. Mn coats  
 a soft bodies  
 11.7'

207-C  
 dk brn L 3 v f sbk  
 to 2 ssbk  
 0.8' brn L 2 ssbk  
 to 2 ssbk  
 clay skins  
 2.3'

red & yel red  
 fl, few mica  
 3.7' yel-brn & red  
 Ks, few Mn  
 coats  
 12'

dk brn L  
 0.7' yel-red  
 2' yel-red  
 vch L, ss  
 platy  
 4' yel-red  
 yel-brn  
 vch sil  
 6' yel-red  
 vch sil  
 60% flags  
 (vertical)  
 9'

306A  
 dk brn L  
 2 v f sbk  
 0.6'

brn L  
 2 csbk, ss  
 2' red & brn s  
 1 msbk  
 many fine mica

3.5' red, brn  
 yel-red & yel  
 Ks many  
 mica  
 few channels  
 6'

yel-red  
 vch sil  
 8' 2.35%

red & red-yellow  
 Ks many fine mica  
 common Mn coats  
 13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/2/14	304-B	4' 11.5'	1:09	1:11	1:14	3	P
5/2/14	207-D	5' 11.7'	1:27	1:30	1:36	6	P
5/2/14	207-C	4.7' 12'	1:37	1:39	1:42	3	P
5/2	304A	6'	Visual	Flags > 50%			F
5/2/14	306A	13'	Visual	Sidewall 0.8 gpd/ft	3.5'		P

REMARKS 304-B 25' from 304  
 SANITARIAN K Bricker BACKHOLE Chuck Z... OTHERS Jeremy Rutter  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_