

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

(AP) 555310 C

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

DATE 11-2-14

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 4-5 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) THE WILBUR AND EVELYN HINKLE FAMILY LIMITED PARTNERSHIP (ATTN: PHILLIP HINKLE)

DAYTIME PHONE \_\_\_\_\_ CELL 443-864-7470 FAX 410-223-4341

MAILING ADDRESS 13915 KENNARD ROAD GLENELL MD 21737  
STREET CITY/TOWN STATE ZIP

APPLICANT WILLIAMSBURG GROUP LLC, BOB CORBETT

DAYTIME PHONE \_\_\_\_\_ CELL 410-977-3343 FAX 410-997-4358

MAILING ADDRESS 5485 HARPERS FARM Rd #200 COLUMBIA, MD 21044  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME HINKLE PROPERTY LOT NO. 137910

PROPERTY ADDRESS 12545 SCAGGSVILLE Rd HIGHLAND MD  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 40 GRID \_\_\_\_\_ PARCEL(S) 93 PROPOSED LOT SIZE 50,000-60,000 SF  
1 AC +/-

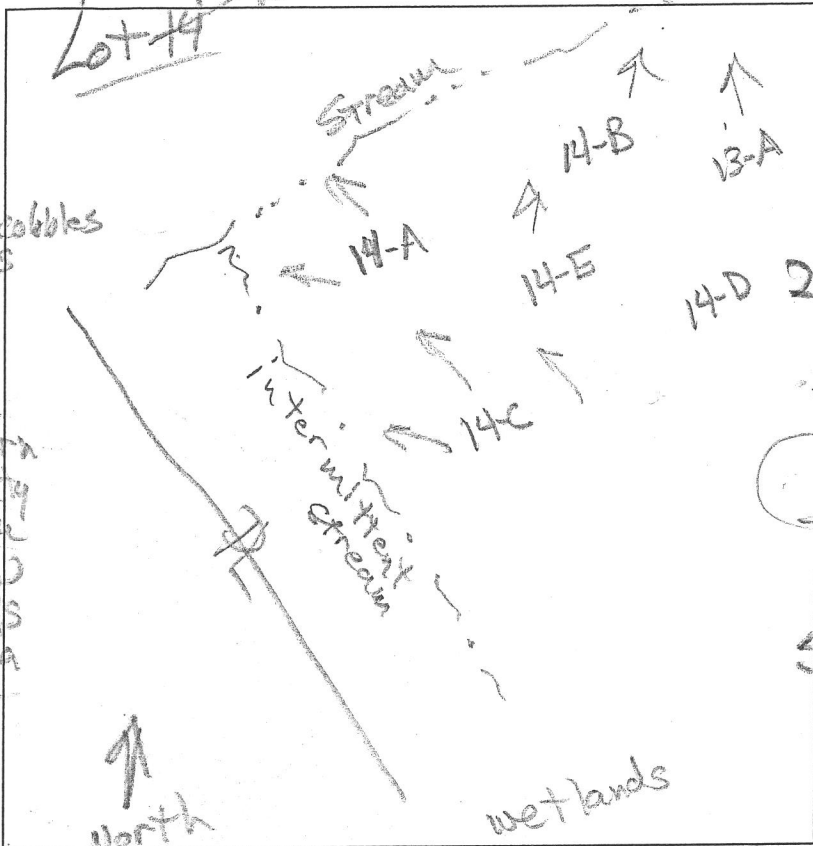
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
1718 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



14-B

0.5' dk brn L

brn coal

to brn cl

few angular cobbles

2msbk, SS

few mica

2.8' red-brn L

7msbk, SS

3.5' dk grey & brn

sl, thin platy

many mica

red yellow

2 dk grey ls

medium mica

9.5' R

14-A

1' dk brn L

pale yellow L

3msbk, SS

1' yellow L

3msbk, SS

2.5' yellow L

8m dense

10-12% angular

4.5' red & grey

cl, 8m

5.8' red & yellow

ls, 8m

many mica

7.2' red & brn

ls, thin platy

many mica

12.5'

14-E

0.7' dk brn L

brn cl, few mica

2msbk, S

1.0' yellow L

2msbk, S

few angular cobbles

2.4' red brn L

1msbk, S

3.3' yellow L

8m SS

common mica

4' brn, yellow

2 black sl

thick platy

many mica

5.7' brn & pale brn

ls, thin platy

many medium

black grains

many mica

12.5'

14-C

0.7' dk brn L

brn L

1.5' yellow L

3msbk

2.2' yellow L

3msbk

3' yellow L

1msbk, brittle

dense

4' red-brn

vccl, 8m, SS

to red-brn cl

5.6' yellow L

2 yellow L

8m common mica

6.4' dk brn, banded

sl, thin platy

many mica

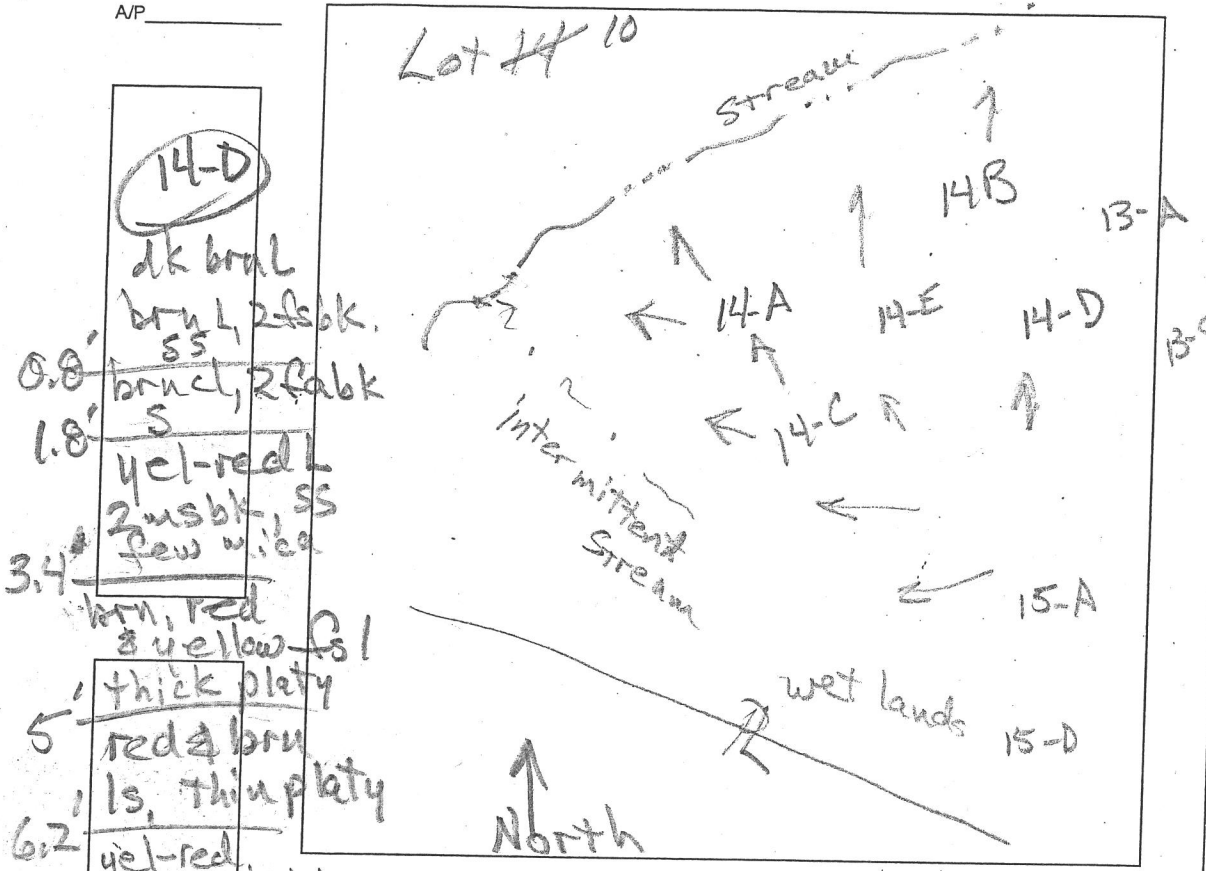
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/FH
2/4/15	14-B	4.5'	2:12	2:16	2:22	6	P
2/4/15	14-A	2.5'	2:27	2:47	3:18	31	P
2/4/15	14-E	5.2'	2:53	3:01	3:20	19	P
2/4/15	14-C	12.5'	Visual	Sidewalk	6.5'	1.8'	P

REMARKS SS = slightly sticky S = sticky

SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

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

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



**14-D**

dk brnl

brn L, 2 fsk. ss

0.8' brncl, 2 fsk

1.8' S

3.4' yel-red L

2 usbk, ss

few white

brn, red & yellow ls

thick platy

5' red & brn ls, thin platy

6.2' yel-red, pale yellow & lt grey ls

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/4/15	14-D	12'	Visual		6.5 - 8	Sidekick 11	P
					0.8 gal/102		

REMARKS \_\_\_\_\_

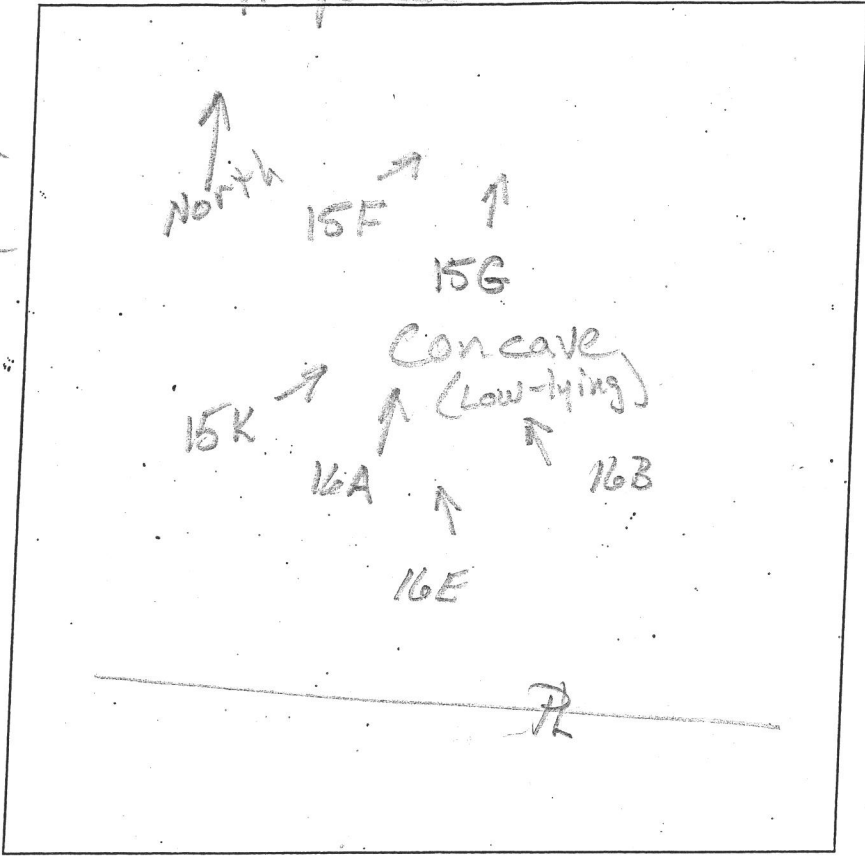
SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

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

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

Proposed Lots 15 & 16 <sup>10</sup>

A/P \_\_\_\_\_  
 16B  
 4.2' depleted matrix  
 5.2' water



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/11/15	16B	5.2'	Water		depleted matrix at 4.2'		F
5/11/15	16A	4.9'	Water seeps		depleted matrix		F
5/11/15	15G	4.7'	Water				F
5/11/15	15F	6'	Water		red-yellow loam	5/11/15	F
5/11/15	15K	5'	Water				F
5/11/15	16E	6.5'	Water seeps		red-yellow-brown ss	5/11/15	F

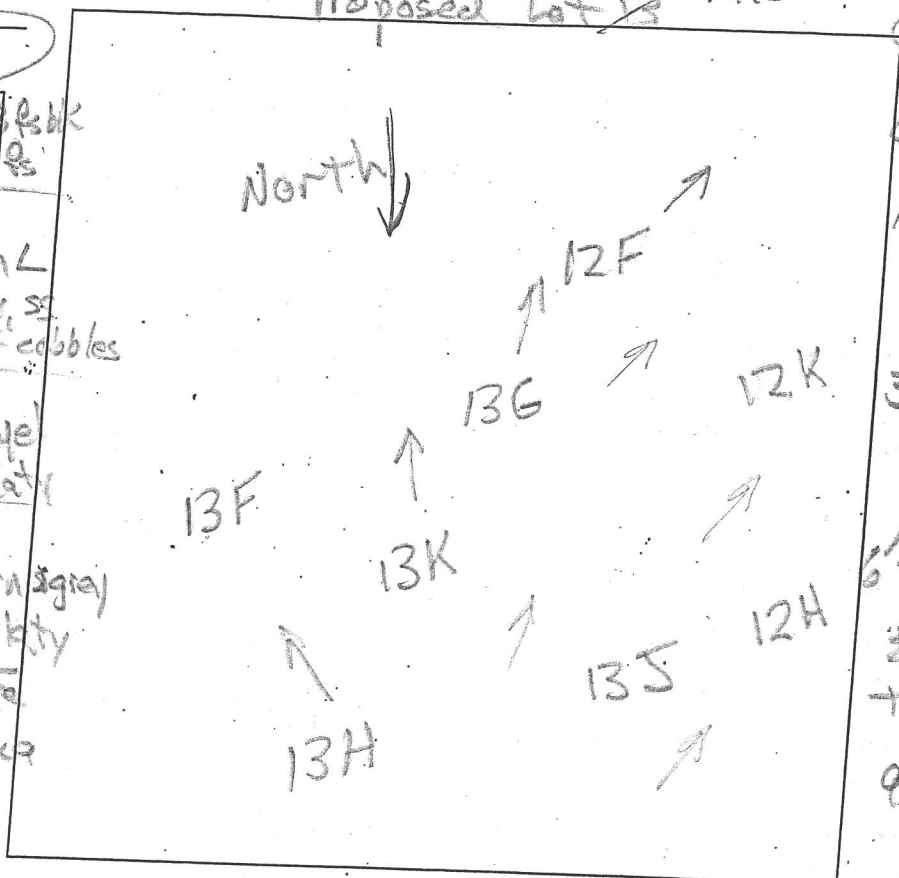
REMARKS Did not dig 15H, 15J, 16C and 16D  
 SANITARIAN R. Ricker BACKHOE Mike Johnson OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

Proposed Lot 13 9210

A/P

13K

13-F



13' dk brn L, 3 fsbk  
red col, ss  
red-yel  
#yel-brn L  
thin platy ss  
few angular cobbles  
red-yel  
#dk brn-yel  
ls, thick platy  
5.2' red-yel  
#very pale brn & gray  
ls, thick platy  
12' grey & white  
ls, common mica  
thick platy  
\*water

0.5' dk brn L  
3 fsbk  
red-yel L  
1.5' 2msbk ss  
red L  
thin platy  
few angular  
cobbles  
3' ss  
red-yel  
#dk yel-brn  
sl. mica  
6' few mica  
F Turkish-grey  
#grey ls  
thick platy  
common mica  
water

13H  
5.5' Rocky  
5.3' R

13-J  
dk brn L  
to brn-yel L  
2 fsbk

13-G  
0.5' dk brn L  
3 fsbk  
dk brn-yel  
7 fsbk  
11' red-yel L  
3 fsbk  
to 1msbk,  
ss, common mica  
2.7' red-yel  
#dk yel-brn L  
thin platy  
many mica  
12'

0.8' red-yel L  
2 fsbk  
22' red-yel ls  
0.8' ss  
2.1' red-yel & dk brn  
ls, thick platy  
common mica  
5.4' red-yel, dk brn  
& pale brn  
ls thick platy  
common mica  
12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/11/15	13K	5 1/2'	3:50	3:53	4:00	7	P
5/11/15	13H	5.3'	Refusal				F
5/11/15	13F	4 1/4'	4:32	4:48	5:18	30	F
5/11/15	13G	12'	Visual		Side wall 1.8' - 2'	0.8	good lat P
5/11/15	13J	12'	Visual		Side wall 1.25' - 1.5'	1.2	good lat P

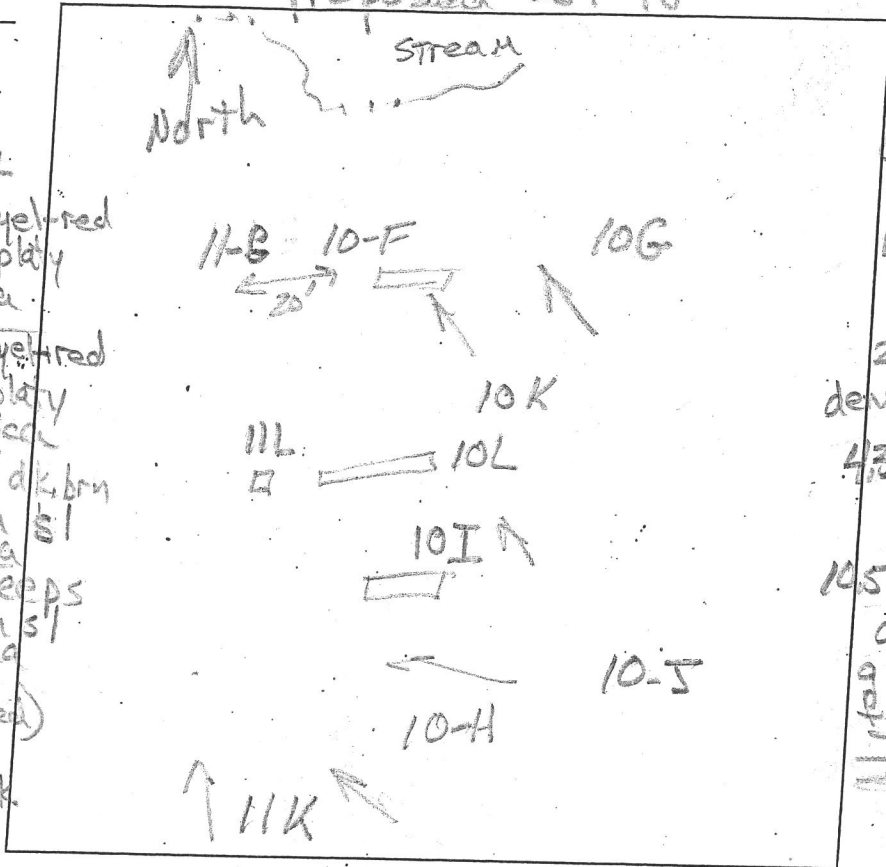
REMARKS  
 SANITARIAN R Bricker BACKHOE Mike Johnson OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_

Proposed Lot 10

A/P

10J

10H



3' dk brn L  
brn L  
red-yel L

4 1/3' red-yel & yel-red  
sl, thick platy  
many mica

7' red-yel & yel-red  
sl, thick platy  
many mica

9.5' red-yel & dk brn  
very pale brn sl  
many mica

water seeps  
red & brn ch sl  
many mica

0.7' dk brn L  
2 1/2 fsk

1.7' yel-brn L  
1 fsk

2.5' red col  
2 1/2 fsk

4.3' red L, thin  
com mica  
platy

10.5' yel-red sl  
dense thick platy  
common mica

11.3' yel-red & brn  
ls, thick platy  
many mica

water seeps  
dk grey-brn  
army & red-yel  
fill, thick platy

10I (red)

10K

dk brn L  
2 1/2 fsk & fsk

1.8' yel-brn  
1/2 fsk

red col  
2 1/2 fsk

red L thick  
com mica  
platy

red-yel sl  
dense thick platy  
common mica

red & dk brn  
ls, thin platy  
many mica

dk brn fill  
many mica

water seeps

10L

dk brn L  
2 1/2 fsk

12' dk brn L to yel-brn L

3' red L 2 1/2 fsk

5' red-yel sl, com

red-yel & grey ls

2.5' R

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/13/15	10H	9.5'	Visual		side wa 0.6 gal	4.3-8.5 12.2	P
5/13/15	10I	5.5' 9.5'	11:26	11:37	12:04	27	P
5/13/15	10J	5.5' 10.5'	11:28	11:34	11:42	8	P
5/13/15	10K	5.7' 10'	12:19	12:39	1:09	>30	F
5/13/15	10L	2.5'	Refusal		too rocky to dig		F
5/13/15	10F	2'	Refusal		rocky		F
5/13/15	10G	6'	Refusal		50% grey ls		F

REMARKS

SANITARIAN

KKricker

BACKHOE

Mike Johnson

OTHERS

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/HR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

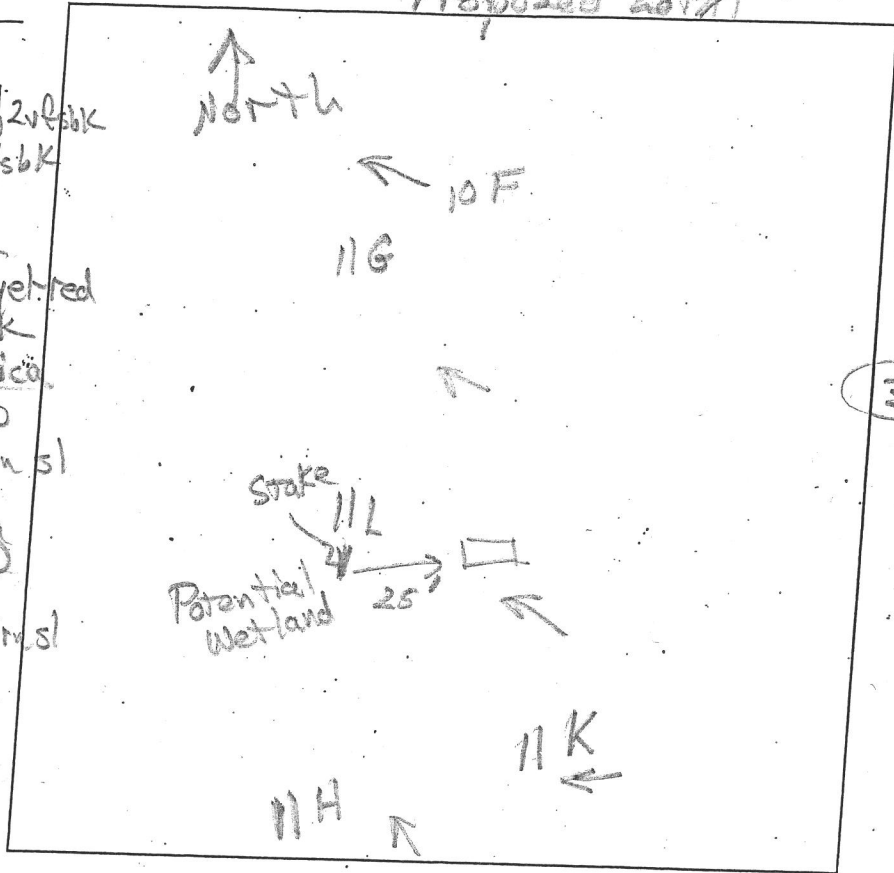
EFFECTIVE S/W

6' R

Proposed Lot #10

A/P

**11K**  
 dk brn L 2' vs sbk  
 brn L 1' vs sbk  
 1' yel-red L  
 2' msbk  
 23' red-yel & yel-red  
 sl, 1' msbk  
 common mica  
 3' red-yellow  
 & very pale brn sl  
 thick platy  
 many mica  
 (1' of grey)  
 water  
 8' red-yel-grey  
 & very pale brn sl



**11H**  
 dk brn L  
 yel-brn L  
 red-yel c  
 mzp (grey)  
 3' @ 3' p (grey)  
 saturated  
 chc  
 sticky  
 water  
 seeps  
 35'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/13/15	11K	4' 8"	10:21	10:42	11:21	39	F
5/13/15	11H	3.5'	Clay to	Water	seeps	—	F
5/13/15	11L	3'	Refusal	very stony	at 2'		F
			& water				
5/13/15	10F	2'	Refusal				F

REMARKS 11-L staked at edge of potential wetland; moved 25' uphill  
 SANITARIAN R Bricker BACKHOE Mike Johnson OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_