



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

A/P 546326-I

AGENCY REVIEW: _____

DATE 4-23-14

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 UNKNOWN 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) MARJORIE & STEPHEN CRAWFORD

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 19612 ISLANDER ST. OLNEY MD 20832-1021
STREET CITY/TOWN STATE ZIP

APPLICANT ELM STREET DEVELOPMENT

DAYTIME PHONE 410-720-3021 CELL _____ FAX _____

MAILING ADDRESS 5074 DORSEY HALL ROAD, STE 205 COLUMBIA MD 21042
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Crawford Property LOT NO. 10

PROPERTY ADDRESS 6780 HAVILAND MILL ROAD CLARKSVILLE
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 0034 GRID 0019 PARCEL(S) 0052 PROPOSED LOT SIZE 50,000 sq.ft.

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
Jason Van Kirk

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

A/P _____

Large empty rectangular box for notes or drawings.

Vertical empty rectangular box on the left side.

Vertical empty rectangular box on the right side.

Vertical empty rectangular box on the left side.

Vertical empty rectangular box on the right side.

Vertical empty rectangular box on the left side.

Vertical empty rectangular box on the right side.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS _____

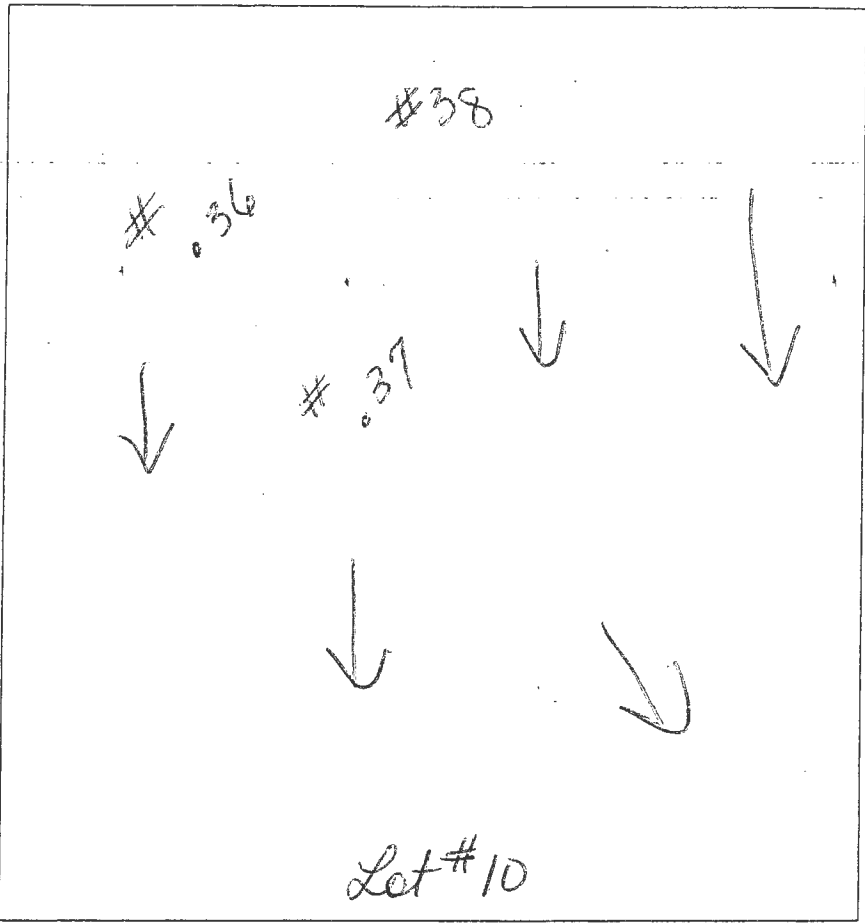
SANITARIAN _____ BACKHOE _____ OTHERS _____

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

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

A/P _____

#37
 Red Brown
 Sl
 4
 Red Brown
 yellow
 Sl
 30-40%
 PU
 shale
 Refusal
 @ 9'



#36
 Red Brown
 Sl
 3'
 Red Brown
 yellow
 Sl
 shale 20-30%
 @ 7'
 ↓
 14'

#38
 Red Brown
 Sl
 mangrove
 Red Brown
 yellow
 Patta
 mangrove
 shale, deposits
 @ 6'
 @ 10'
 FS

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6-24-14	37	9	—	Refusal	—	—	F
6-24-14	36	4 1/4	1:48	1:50	1:53	3 min	P
6-24-14	38	5 1/4	1:57	1:58	1:59	1 min	
	Repair		1:59	2:02	2:04	2 min	P

REMARKS _____
 SANITARIAN _____ BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

14

A/P

40B

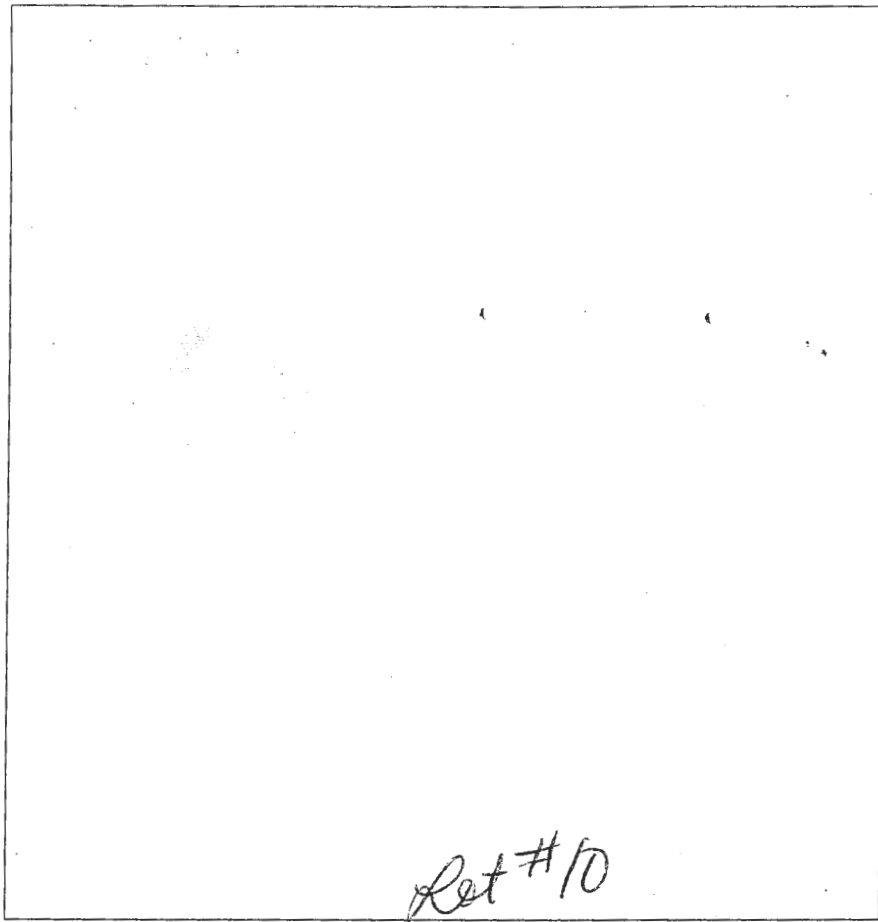
Red Brown
yellow
all
many
mixed

5'

Red Brown
yellow
many
mixed



13



Ret #10

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9-3-12	40B	6/13	12:26	12:27	12:28		
		Repair	12:29	12:30	12:33	3 min	P

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

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

HOWARD COUNTY PERC TEST REPORT

A/P# _____

Lot # _____

Hole # 56A

Hole # 70

Red Brown
Yellow
Sh

Red Brown
Yellow
Sh

Red Brown
Yellow
FSL
20-30%
Shale

Red Brown
Yellow
FSL
20-30%
Shale

Hole # 71

Hole # 74

Red Brown
Sh
Yellow

Red Brown
Sh
Yellow

Red Brown
Yellow
FSL
5-10%
Shale

Red Brown
Yellow
FSL
20-30%
Shale

Hole # 72

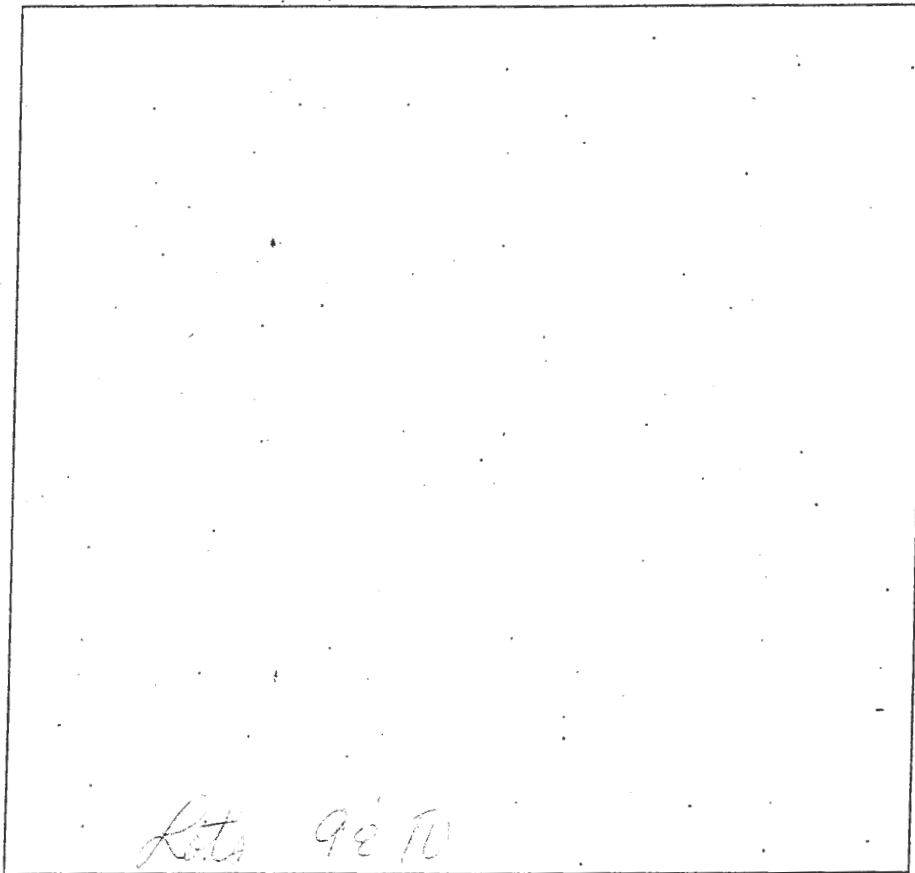
Hole # 77

Red Brown
Yellow
Sh

Red Brown
Yellow
Sh

Red Brown
Yellow
FSL
20-30%
Shale

Red Brown
Yellow
Sh
FSL
20-30%
Shale



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-5-15	56A	7 1/4	10:35	10:38	10:32	4min	P
2-5-15	71	2 1/2	10:41	10:42	10:42		
	Repair		10:43	10:44	10:46	3min	P
2-5-15	72	8 5/8	10:50	10:51	10:51		
	Repair		10:52	10:53	10:55	3min	P
2-5-15	70	4 5/8	10:58	10:59	11:00		
			11:00	11:03	11:05	3min	P
2-5-11-5	74	5 5/8	11:07	11:08	11:11	3min	P
2-5-15	77	7 5/8	11:14	11:19	11:24	5min	P

REMARKS

SANITARIAN Burwood BACKHOE Hatfields

OTHERS _____ SQ. FT/BR _____

TEST HOLES USED IN SDA _____ AVG PERC TIME _____

TRENCH WIDTH _____ INLET DEPTH _____

MAX BOT DEPTH _____ EFFECTIVE SDW _____

0

38

14'

4.5

3'

6.8

12'

37C

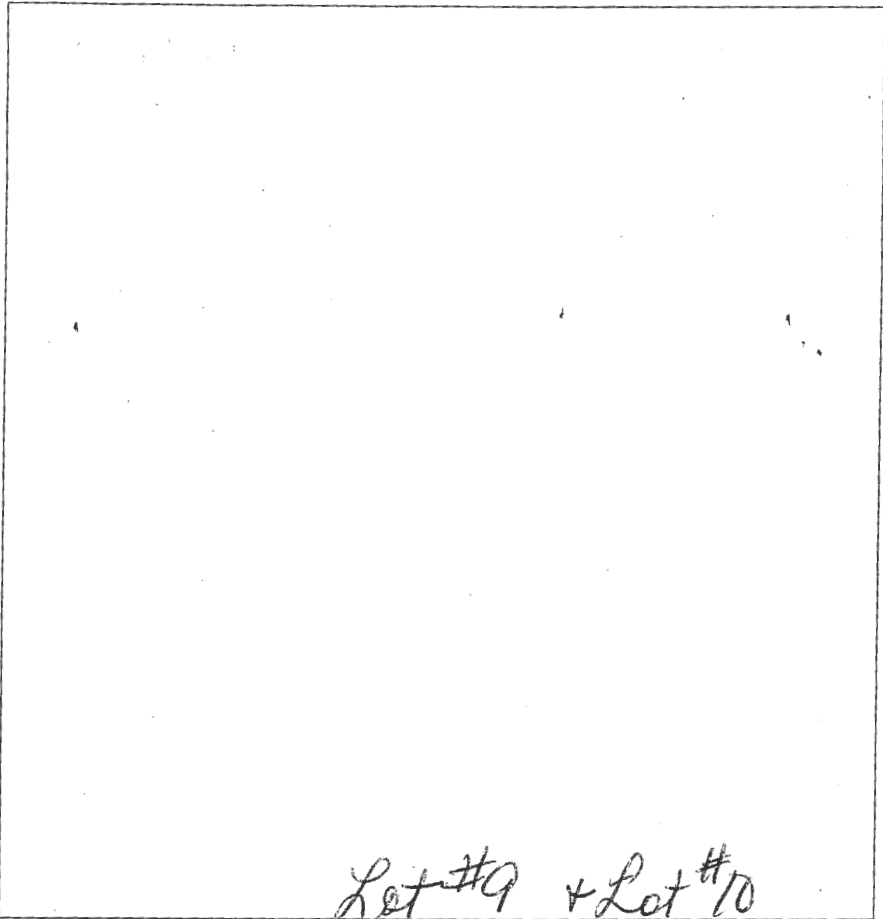
Red Brown
yellow
Sh
↓
Red Brown
yellow
FSL
5-10%
R@10
Shaly
C@11
↓
13'

37A

Red Brown
yellow
Sh
↓
Red Brown
yellow
Sh
many
mud
shallow
↓
19'

37B

Red Brown
yellow
Sh
↓
Red Brown
yellow
Sh
many
mud
Sh
5-10%
R@
@12
↓
14'



40C

Red Brown
yellow
many
mud
↓
5'
Red Brown
yellow
FSL
many
mud
Shale
7
10-20%
↓
13'

40A

Red Brown
yellow
Sh
many
mud
↓
5'
Red Brown
yellow
FSL
many
mud
Shale
@ 10'
↓
15'

41A

Red Brown
yellow
Sh
many
mud
↓
6'
Red Brown
yellow
FSL
many
mud
10-20%
Shale
↓
14'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9-3-14	37C	5/13	11:51	11:52	11:53		
	Repair		11:55	11:57	11:59	2 min	P
9-3-14	37A	6/11.5	12:00	12:02	12:04	2 min	P
9-3-14	37B	6/14	12:07	12:09	12:11	2 min	P
9-3-14	40C	6/13	12:11	12:12	12:13	1 min	
	Repair		12:13	12:14	12:15	1 min	F
9-3-14	40A	6/12	12:18	12:20	12:24	4 min	P
9-3-14	41A	7/12	12:20	12:22	12:22	1 min	F

REMARKS Repair 12:24 12:25 12:26 1 min

SANITARIAN Bernard BACKHOE Dominic OTHERS _____

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

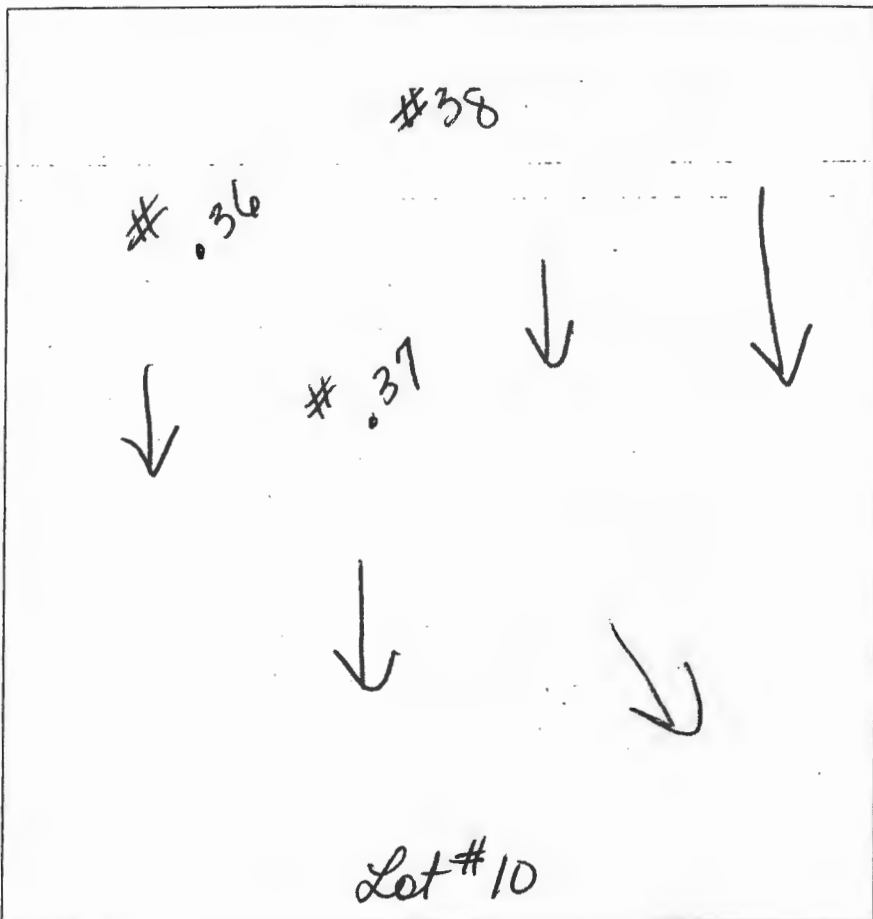
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

AJP

#37
 Red Brown
 Sl
 4
 Red Brown
 yellow
 Sl
 30-40%
 P
 shale
 Refusal
 @ 9'
 9'

#36
 Red Brown
 Sl
 3'
 Red Brown
 yellow
 Sl
 14
 ↓

#38
 Red Brown
 Sl
 mangrove
 Red Brown
 yellow
 Patty
 mangrove
 shale deposits
 @ 6'
 + 10'
 FSL
 14



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
Shale 20-30% @ 7'	6/24/14	37 9	—	Refusal	→	F	
↓	6/24/14	36 4/4	1:48	1:50	1:53	3 min	P
	6/24/14	38 5/14	1:57	1:58	1:59	1 min	
		Repair	1:59	2:02	2:04	2 min	P

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

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