



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

Date: Aug 2, 2018

To: Randy & Jacqueline Smith
12230 Clarksville Pike Ste A
Clarksville, MD 21029

Re: Percolation Test Report
Smith Property
6510 Heather Glen Way
Clarksville, MD 21029

Percolation tests were conducted at 6510 Heather Glen Way (Tax Map 34, Parcel 382) on 7/31/2018. Tests and profile descriptions were documented for locations 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511 and 512. Seven out of the twelve test locations passed (503, 504, 505, 506, 507, 508 and 512). All holes must be field located and accurately represented on the perc certification plan.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in the septic reserve area are represented by test locations having satisfactory soil conditions. The area must be large enough to accommodate two replacement systems.

The next step in the process is to have an engineer/consultant submit a percolation certification plan to confirm the design of the sewage disposal area.

Should you have any questions regarding this evaluation, please contact me. I may be reached at (410) 313-6357 or by email rfreemon@howardcountymd.gov

Respectfully,

A handwritten signature in black ink, appearing to read 'Robert Freemon'.

Robert Freemon
Bureau of Environmental Health
Well & Septic Program

Attachment: Percolation Field Notes

AP 563956

501

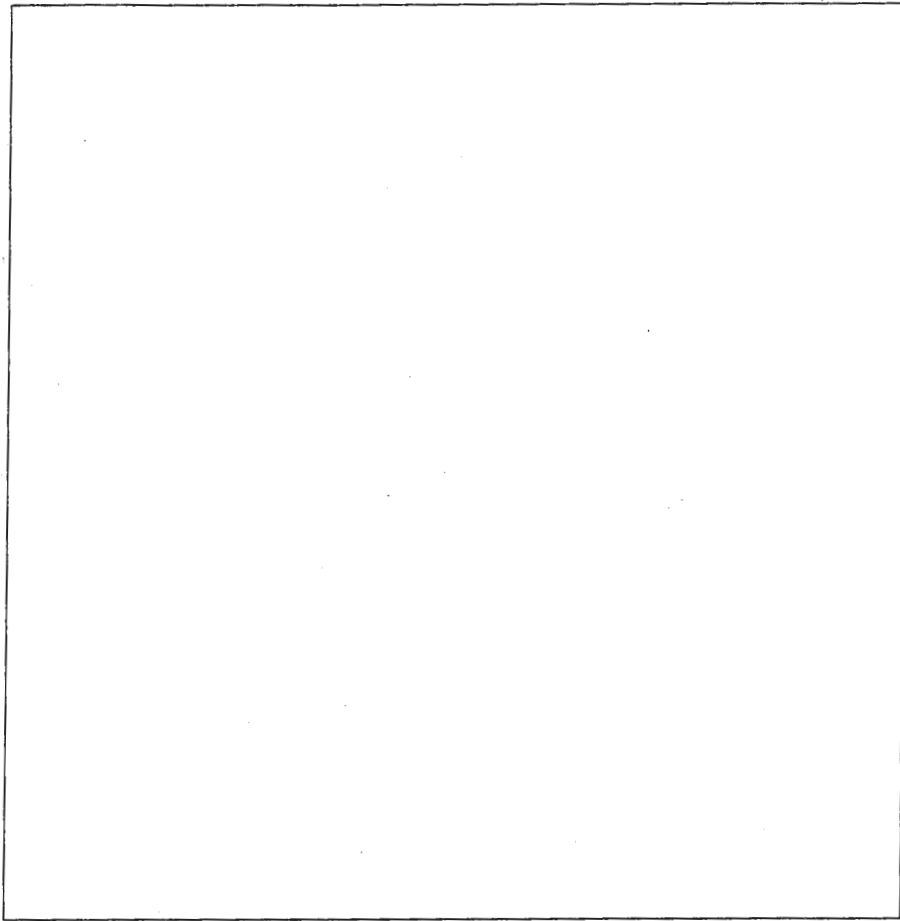
1' DB, L
 1' YB, 3SBK, CL, Few Mica
 4.2" YB, Gray, 2SBK, SCL
 4.10" PB, Gray, OM, L, Many Mica, Dense
 1" H₂O Seeps
 6.6" Gray, OM, SL-Ls, Many Mica
 11" H₂O Seeps
 12" H₂O

500

SAME AS 501

511

2' DB, YR, L, CSBK
 YB, 3FSBK, L, Dense, SS, Few fine Mica
 4' LYB, PB, Thick platy, SCL, Dense, Many Fine Mica
 5.4" PB, Gray, OM, SCL, Very Dense, Redox/Mottling Evidence
 11" H₂O Seeps
 12" H₂O



509

1.4" PB, L
 YB, 2FSBK, L, Common fine Mica
 3.5" LYB, Platy, FssL, Many Mica, Heavy, Dense, Evidence of Redox/Mottling
 6" LYB, Platy, SL-Ls, Many Mica
 11" H₂O Seeps
 12" H₂O

510

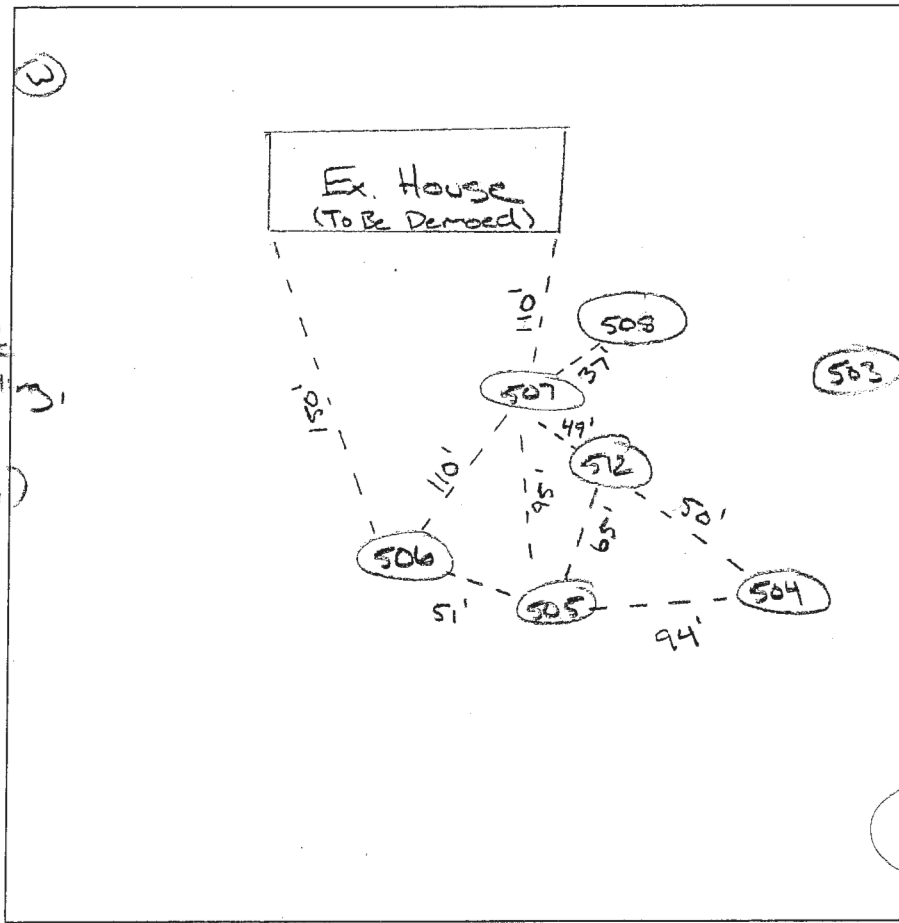
1.6" DB, FSBK, L, Many Fine Mica
 SB, 2MSBK, SCL, Many Fine Mica
 4' PB, Gray, OM, L, Dense, SS, Evidence of Redox/Mottling
 5.5" Gray, SL-Ls, Platy, Many Fine Mica
 11" H₂O Seeps
 12" H₂O

502

SAME AS 510

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/31/2018	501	7				VISUAL	F
	500	5	9:35	9:56	NO MOVEMENT		F
	511	7				VISUAL	F
	509	7				VISUAL	F
	510	7				VISUAL	F
	502	7				VISUAL	F

REMARKS _____
 SANITARIAN RSF BACKHOE Donnie (Hatfields) OTHERS Kenny Hatfield Jr.
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



503
 DB, L
 YR, 2FSBK, L, Many Fine Mica
 2.4" PB, SB, SBK, CL, Very Dense, Heavy, Evidence of Redox / Mottling
 4" Mix of YR, YB, R, Black, Grey, Thin Platy, SL-LS
 11" H₂O

508
 10" DB, L
 YR, YB, Thick Platy, SL Many Fine Mica, LS Beginning @ 2ft
 1" RY, Y, Weak Thin Platy, 5 1/2 FS Mix
 2.6" H₂O Seeps
 9.6" H₂O
 12" H₂O

507
 10" DB, L
 YB, YR, 1FSBK, L
 2" YB, YR, FSBK, SL
 3.6" YB, Thin Platy, FSL
 5" YB, Y, Platy, S
 10" H₂O Seeps
 12" H₂O

512
 11" DB, YB, 2FSBK, L
 2" SB, RT, Thin Platy, FSL, Micaceous
 4" SB, RT, YB, Black, grey, Platy, S
 10.6" H₂O Seeps
 12" H₂O

504
 8" PB, L
 RY, LPS, 2FSBK, L, Many Fine Mica, Heavy, Dense, @
 1" 2.8" Gravely layer w/ SL
 3.6" SB, YB, SB, Black, Grey, Thin Platy, LS, Many Fine Mica
 4.6" Y, YB, Platy, S
 10.6" H₂O Seeps
 11" H₂O

505 & 506
 9" DB, L
 YB, R, SBK, SL
 1.3" Y, YB, Thick Platy, LS, Common mica, Sand pockets
 11" H₂O

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/31/2018	503	5 / 7	12:09	12:10	12:13	3	P
	508	2 / 5	12:42	12:45	12:50	5	P
	507	3 / 6	12:54	12:57	1:03	6	P
	512	3 / 6	1:15	1:25	1:38	13	P
	504	5 / 6	1:33	1:35	1:41	6	P
	505	3 / 7	1:48	1:51	1:57	6	P
	506	2 / 7	2:03	2:07	2:14	7	P

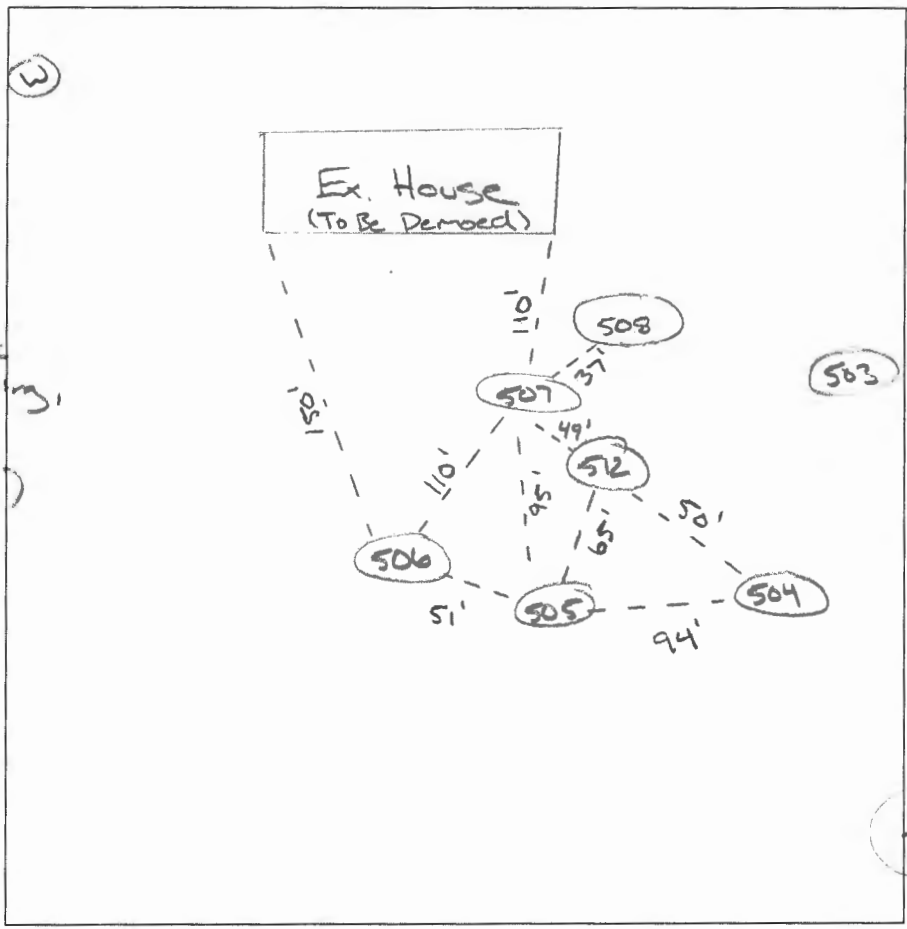
REMARKS _____
 SANITARIAN RSF BACKHOE Donnie (Hatfields) OTHERS Kenny Hatfield Jr.
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

AP 563956

503
 DB, L
 YR, ZFSBK, L, Many Fine Mica
 PB, SB, SBK, CL, Very Dense, Heavy, Evidence of Redox / Mottling, CL-L
 (Mix of YR, YB, R, Black, Grey, Thin Platy, SL-LS)
 H₂O

508
 DB, L
 YR, YB, Thick Platy, SL Many Fine Mica, LS Beginning @ 2ft
 RY, Y, Weak Thin Platy, S & FS Mix
 H₂O Seeps
 H₂O

507
 DB, L
 YB, YR, 1FSBK, L
 YB, YR, FSBK, SL
 YB, Thin Platy, FSL
 YB, Y, Platy, S
 H₂O Seeps
 H₂O



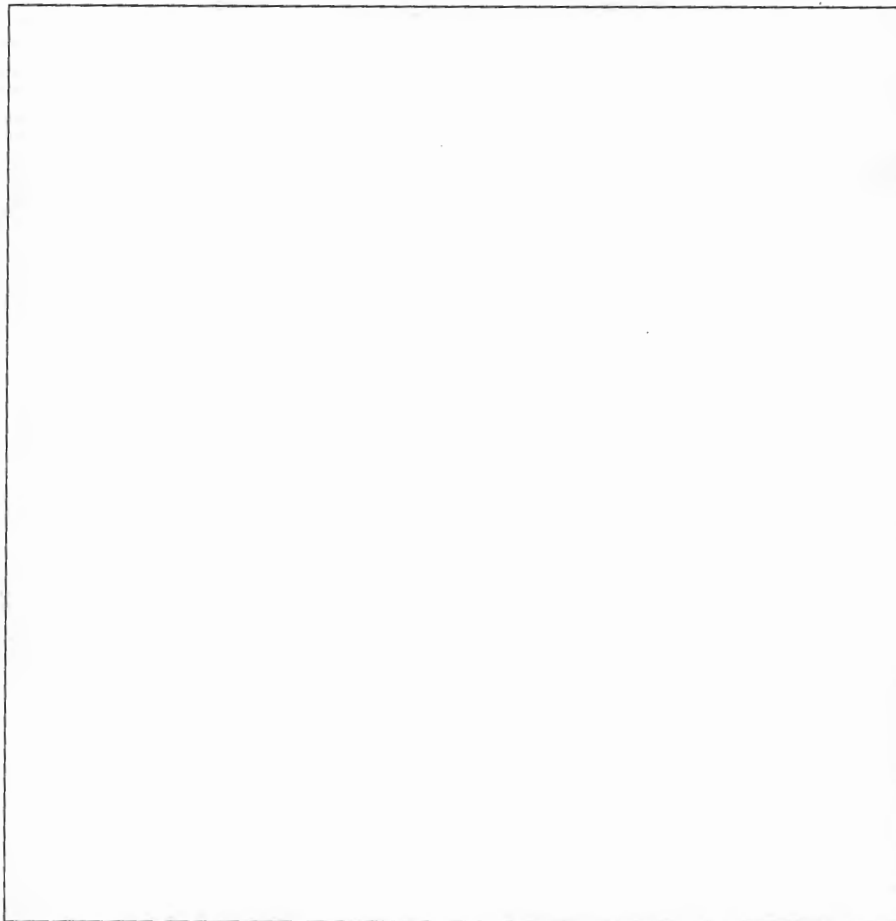
512
 DB, YB, ZFSBK, L
 SB, RY, Thin Platy, FSL, Micaceous
 SB, RY, YB, Black, grey, Platy, S
 H₂O Seeps
 H₂O

504
 DB, L
 RY, LPS, ZFSBK, L, Many Fine Mica, Heavy, Dense, @ 2.8" Gravelly layer w/ SL
 SB, YB, SB, Black, Grey, Thin Platy, LS, Many Fine Mica
 Y, YB, Platy, S
 H₂O Seeps
 H₂O

505 & 506
 DB, L
 YB, R, SBK, SL
 Y, YB, Thick Platy, LS, Common mica, Sand pockets
 H₂O

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/31/2018	503	5 / 7	12:09	12:10	12:13	3	P
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	506	2 / 7	2:03	2:07	2:14	7	P

REMARKS _____
 SANITARIAN RSF BACKHOE Donnie (Hatfields) OTHERS Kenny Hatfield Jr.
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



501
 1' DB, L
 4.2' YB, 3SBK, CL, Few Mica
 4.10" YB, Grey, 2SBK, SCL
 1' PB, Grey, OM, L, Many Mica, Dense
 6.6" Grey, OM, SL+LS, Many Mica
 11" H₂O Seeps
 12" H₂O

509
 1.4" PB, L
 YB, 2FSBK, L Common fine Mica
 3.5" LYB, Platy, FSL, Many Mica, Heavy, Dense, Evidence of Redox/Mottling
 6' LYB, Platy, SL-LS, Many Mica
 11" H₂O Seeps
 12" H₂O

500
 SAME AS 501

510
 1.6" DB, FSBK, L, Many Fine Mica
 4' SB, 2MSBK, SCL, Many Fine Mica
 1" PB, Grey, OM, L, Dense, SS, Evidence of Redox/Mottling
 5.5" Grey, SL-LS, Platy, Many Fine Mica
 11" H₂O Seeps
 12" H₂O

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
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	511	7				VISUAL	F
	509	7				VISUAL	F
	510	7				VISUAL	F
	502	7				VISUAL	F

511
 2' DB, YB, L, CSBK
 4' YB, 3FSBK, L, Dense, SS, Few fine Mica
 5.4" LYB, PB, Thick Platy, SCL, Dense, Many Fine Mica
 1' PB, Grey, OM, SCL, Very Dense, Redox/Mottling
 11" H₂O Seeps
 12" H₂O

502
 SAME AS 510

REMARKS _____
 SANITARIAN RSF BACKHOE Donnie (Hatfields) OTHERS Kenny Hatfield Jr.
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



HOWARD COUNTY HEALTH DEPARTMENT

63956

DATE
7/12/18

AS

Received From

Nadeem A. Hashmi

PHONE #

For

Perc Application - 650 Heather Glen Way

CASH

CHECK

NO. 1731

Five Hundred and 00/100

Dollars

\$ 500.00

Received By

Shub Beatty



Bureau of Environmental Health
 8930 Stanford Boulevard, Columbia, MD 21045
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 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 *Contract*

URGENT DEADLINE
Under Contract

APPLICATION

DEADLINE 7/20/18

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Naecker Property / Smith Property
 PROPERTY ADDRESS 6510 Heather Glen Way Clarksville MD 21029
STREET TOWN ZIP

TAX ACCOUNT # _____ TAX MAP 34 GRID _____ PARCEL 382 LOT NO. 5 PROPOSED LOT SIZE (ACRES) 3.00 AC
 ZONING CATEGORY _____ TIER _____

PROPERTY OWNER(S) Randy & Jacqueline Smith
 DAYTIME PHONE _____ CELL _____ EMAIL _____

MAILING ADDRESS _____
STREET CITY, STATE ZIP

APPLICANT Cindy DeBizzo RELATIONSHIP TO OWNER: Buyers Agent
 DAYTIME PHONE _____ CELL 443-250-6395 EMAIL cindy@northroprealty.com
 MAILING ADDRESS 12230 Clarksville Pike - Ste A - Clarksville MD 21029
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: _____
 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

I have contractors on stand by to perform the perk tests

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.

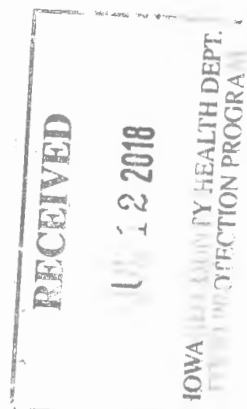
Cindy DeBizzo

SIGNATURE OF APPLICANT

7/11/18

DATE

- needs to show ex. septic system
- needs to show neighbor's well on the right side
- scanned file



10/16/86

APPLICATION

PERCOLATION TESTING

A 37656
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

APPLICATION REVIEWED OK,
REPAIR TEST REQUIRED ON EXISTING
IF SEPTIC RECORDS
NOT LOCATED.
9/15/86 C. Williams

DISTRICT _____
DATE 9/15/86

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ROBERT LOUIS NAECKER ✓ 854-2042

ADDRESS 12702 RT. 108 CLARKSVILLE, MD. 21029 PHONE 854-2042

PROSPECTIVE BUYER RANDY AND JACKIE SMITH

ADDRESS 12702 RT. 108 CLARKSVILLE, MD 21029 PHONE 854-2713

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. Lot 15

ROAD AND DESCRIPTION OFF RT. 108, JUST NORTH OF HIGHLAND RD. AND
SOUTH OF NEW RF 32 6510 PRESWICK DR.

TAX MAP 34 PARCEL # 76

SIZE OF LOT 3 ACRES TYPE BLDG. SINGLE FAMILY DWELLING
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Robert L. Naecker
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Shallow test fields DATE 10/2/87

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/16/86 Perc Satisfactory; Hold for Certified Hole Location
House and well site; Shallow Syst. only. S. Abel

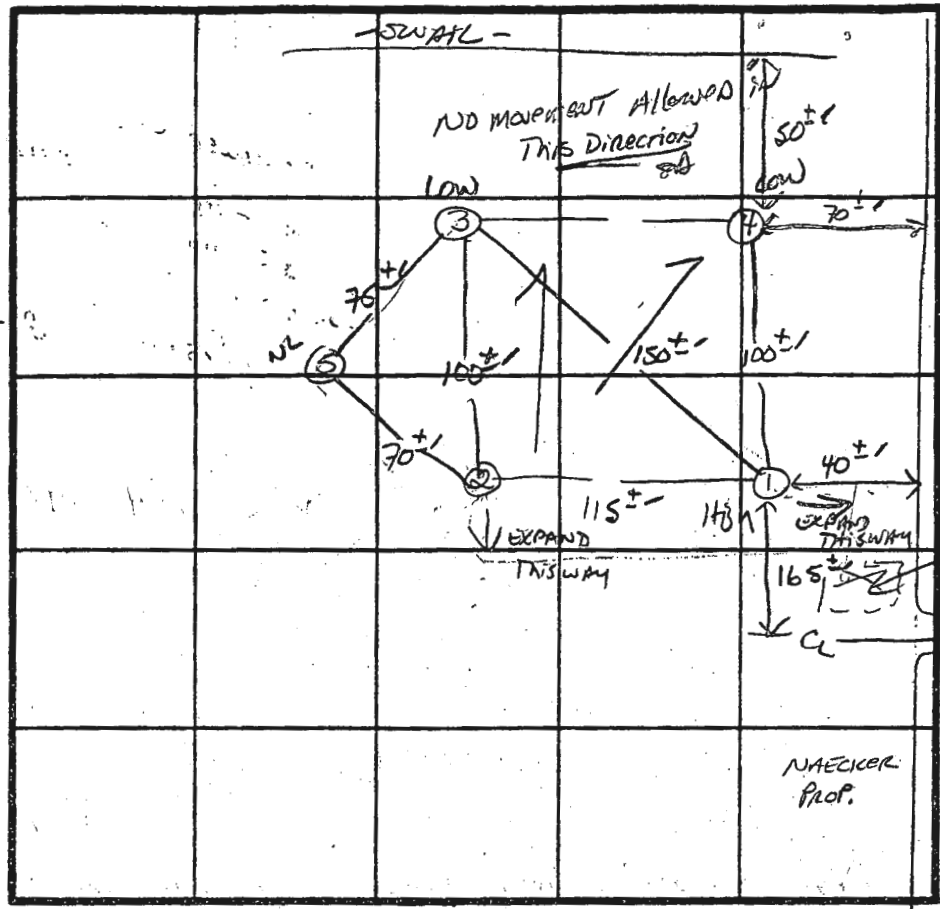
B'DG. PERMIT SIGNED
AND RETURNED 10/2/87

BP 14887
S. Abel

THIS IS NOT A PERMIT

SOIL PROFILE

AP
 0
 14" Light Yellow
 Brown silt
 LOAM < 9%
 CLAY < 10%
 FRAGMENTS
 2.5' TAN → BROWN
 Silt SAND
 < 10%
 FRAGMENTS
 Slightly
 micaceous
 12-13"



Elevation
 Diff from 174
 N 3-4'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. PROPERTY LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/16/75	1 S	3'	1:40	1:43:30	1:43:30	1:50	6.5 min
	1 M	9'	1:52	1:53:30	1:53:30	1:57:30	4 min
	1 V	12'	UNIT FORM Silt below 2.5'				
	2 S	3'	1:59	2:00	2:00	2:03	3 min
	2 V	12.5'	SAME AS #1				
	3 S	3-0'	2:07	2:21	2:11	2:28	17 min
	3 V	13'	SAME AS #1				
	4 S	13'	SAME AS #1 w/ H ₂ O AT 12.5' CAP fringe - 11.5'				
	4 V	13'	SIMILAR TO #1 w/ more brown silt/loam than sand				
	5 V	13'					

EH-12-1079

REMARKS Shallow Syst only

TYPE OF SOIL Clayey

TESTED BY S. Abel ALSO PRESENT Allen Carriere Mr. Smith