

Maura J. Rossman, M.D., Health Officer

APPLICATION
FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Ritz Estates
PROPERTY ADDRESS 16964 Moss Meadow Way MT Airy 21771
STREET TOWN ZIP
TAX ACCOUNT # 338456 TAX MAP 0007 GRID 0003 PARCEL 0481 LOT NO. 13 PROPOSED LOT
SIZE (ACRES) .97
ZONING CATEGORY _____ TIER _____

PROPERTY OWNER(S) Linda + Samuel Perry
DAYTIME PHONE 443 615 1671 CELL _____ EMAIL _____
MAILING ADDRESS 16964 Moss Meadow Way MT Airy MD 21771
STREET CITY, STATE ZIP

APPLICANT Hatfields Equipment **RELATIONSHIP TO OWNER:** contractor
DAYTIME PHONE 301 490 4288 CELL 410 484 4880 EMAIL Khatfield@hatfieldsequipment.com
MAILING ADDRESS P.O. Box 519 Annapolis Junction MD 20701
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 3 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.

SIGNATURE OF APPLICANT

DATE

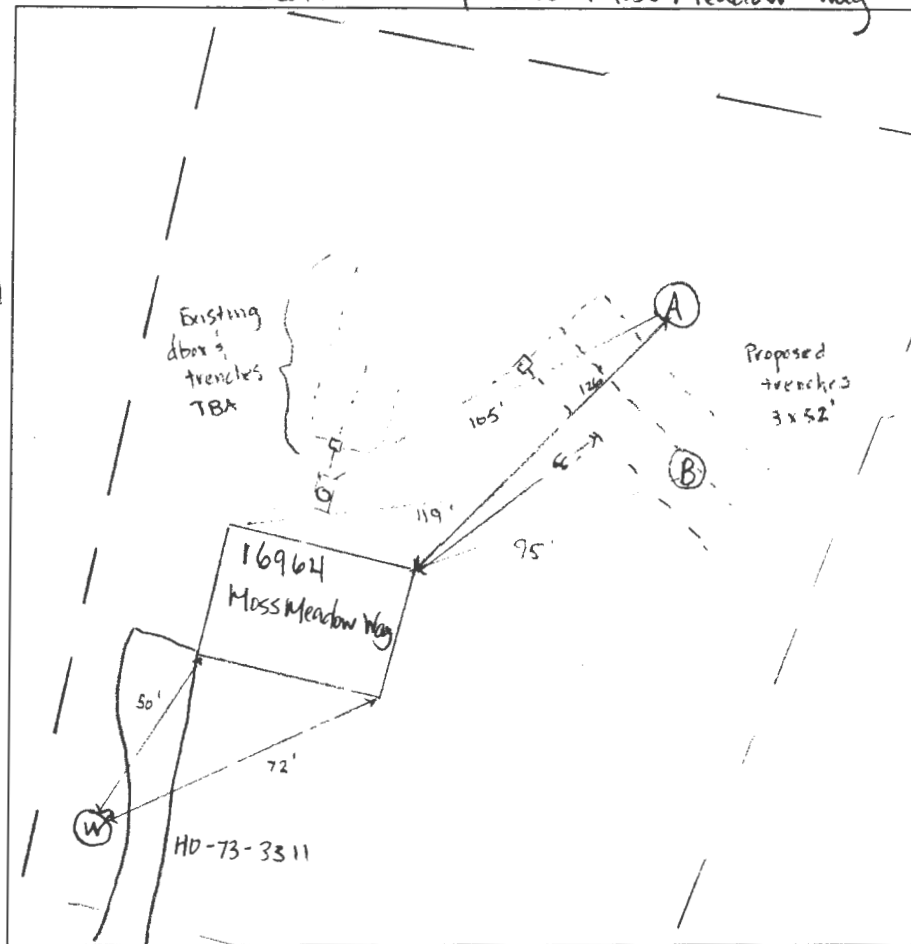
Percolation Testing: 16964 Moss Meadow Way

Homeowner in the house
Since it was built in 1979,
Septic system intact & operational
since then.

Contractor exposed
tank & dbox -
TV completed
and the sewer
line between the
tank & dbox clogged
All three trenches
clogged @ dbox

Septic system
overflowing at
the ST c/o,
Existing concrete
baffle will
stay in place on
the ST. -
Homeowner
wants a
repair for
a 3 bedroom
house. No additions
expected.

1000 gal ST
will stay in
place and
be used for
the new
system which
will a new
riser at the ST
a new dbox
and 3 new
trenches @
52' each.



(A)

0'-12" brown C, mfr
Moderate, sbk
1'-3' red br cl, pl
3'-4' yellow br, cl,
mfr
4'-6' red cl, sbk, mfr
@ 6' 35%-45% rock
6'-8' yellow br scl,
some mica
≤ 45% rock
8'-10' yellow br scl,
some mica, sbk
moderate
≤ 45% rock
10'-11' yellow br, shale
some mica string
≤ 45% rock
11' - perched H₂O
6-10 min
perc.
12' - hard bottom

(B)

0'-12" brown C, mfr
sbk, moderate
1'-2' red br cl, weak
2'-4' brown yellow wk
scl, coarse, sbk
30%-40%
rock
4'-6' brown yellow scl,
w/shale, mfr
w/sapor lite
30%-45% rock
6'-9' brown yellow scl
sbk, pl, wk
9'-10' shale w/sapor lite
hard bottom

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1/4/24	A	3'	12:39	1:01 water movement		only 1/4" in	22 min F
1/4/24	B	4.5'	1:07	1:22	1:44	22	P

trenches -
3' wide
6' deep
3' inlet
Side wall
credit 4'-6'
3' wide
SWC .62
155 LF
3 x 52' trenches

REMARKS two perc holes in the SPA - some scl w/ a lot of rock - conventional gravity system
SANITARIAN K. Wolf / R. Reppe BACKHOE Nate - Hatfield's OTHERS Ken Hatfield's helpers
TEST HOLES USED IN SDA 2 AVG. PERC TIME 22 min SQ. FT/BR 3 br
TRENCH WIDTH 3' INLET DEPTH 3' MAX. BOT DEPTH 6' EFFECTIVE SW/ 4'-6': 2' SW credit
SWC (.62)

$$\frac{3 \times 150}{.6} = \frac{450}{.6} = 750 \text{ sqft} \div 3' = 250' \times .62 = 155 \text{ LF}$$

Soil pics from 1/4/24 percolation testing

