

Bureau of Environmental Health

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

A570171

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME

PROPERTY ADDRESS 14613 Burntwoods Rd Glenwood 21738

TAX ACCOUNT # 317246 TAX MAP 21 GRID 4 PARCEL 127 LOT NO. PROPOSED LOT SIZE (ACRES)

ZONING CATEGORY TIER

PROPERTY OWNER(S) John Newell

DAYTIME PHONE 410.375.6493 CELL EMAIL

MAILING ADDRESS 14613 Burntwoods Rd Glenwood 21738

APPLICANT Fogle's Septic RELATIONSHIP TO OWNER: Contractor

DAYTIME PHONE 410.375.5170 CELL EMAIL Kim@fogleseptic.com

MAILING ADDRESS 580 Obercht Rd Sykesville 21784

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 Mindr 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?

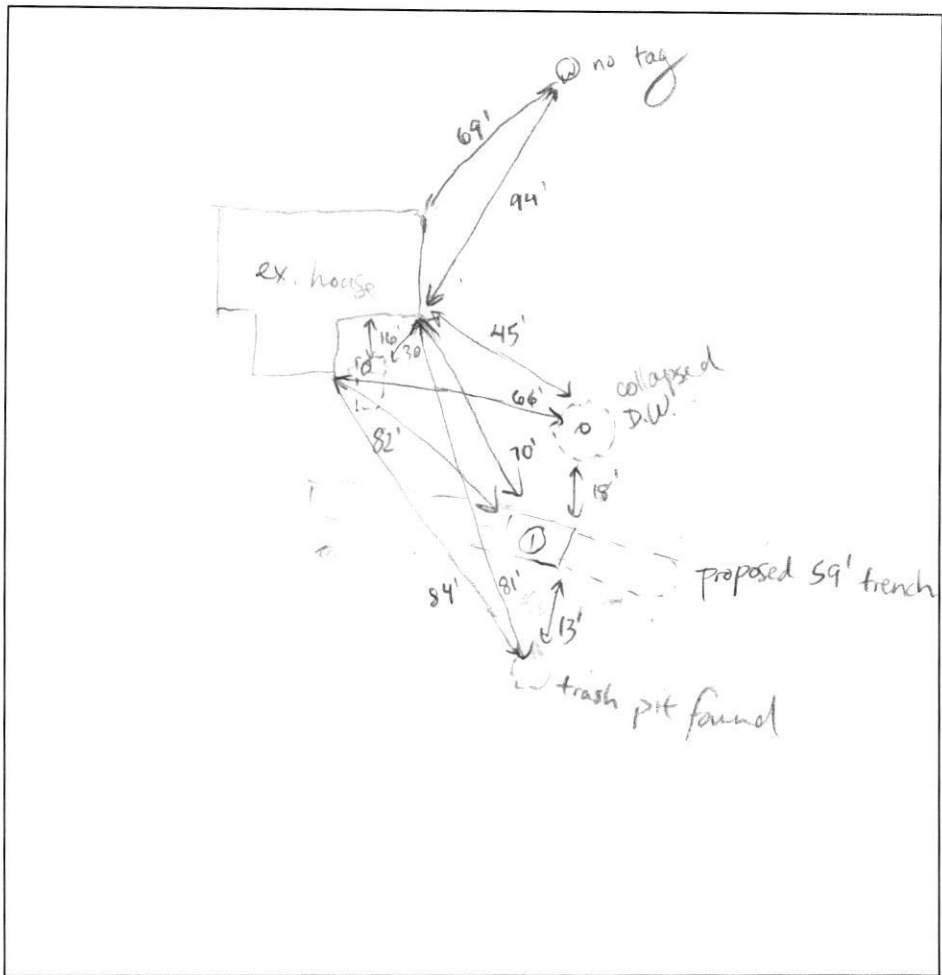
- Yes No

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: Kim Fogle Date: 9/27/21

- ①
- 6' topsoil
- 3' R, LS, ABK, medium
- 10' R, LS, granular, fine mica
- 13' RB, LS, weak platy, fine mica, friable



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/20/21	①	3' stuff	10:43	10:49	10:55	6min	P

REMARKS collapsed drywell. Normal operating level observed in tank
 SANITARIAN Susan Thomas BACKHOE Matthew (Smiley) OTHERS Conner James
 TEST HOLES USED IN SDA 1 AVG. PERC TIME _____ SQ. FT/BR 3
 TRENCH WIDTH 3' INLET DEPTH 3' MAX. BOT DEPTH 9' EFFECTIVE SW 6'

$$3 \times 150 = \frac{450}{0.8} = 562.5 / 3 = 187.5 \times 0.31 = 58.125$$

APPLICATION

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4

DATE 9/18/70

A 6326
P _____

TO THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Maple Hill Farms Association

ADDRESS 9300 Fontana Ave., Seabrook, Md. 20801

Any questions call
Mr. Silberman
243-2584

PROPERTY LOCATION:

SUBDIVISION Windsfield Estates LOT NO 28, Sec. 1

ROAD AND DESCRIPTION Burnt Woods Road

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 150' x 265' x 158' x 265' TYPE BLDG 3 or 4
NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT /s/ MacClintock & Partner

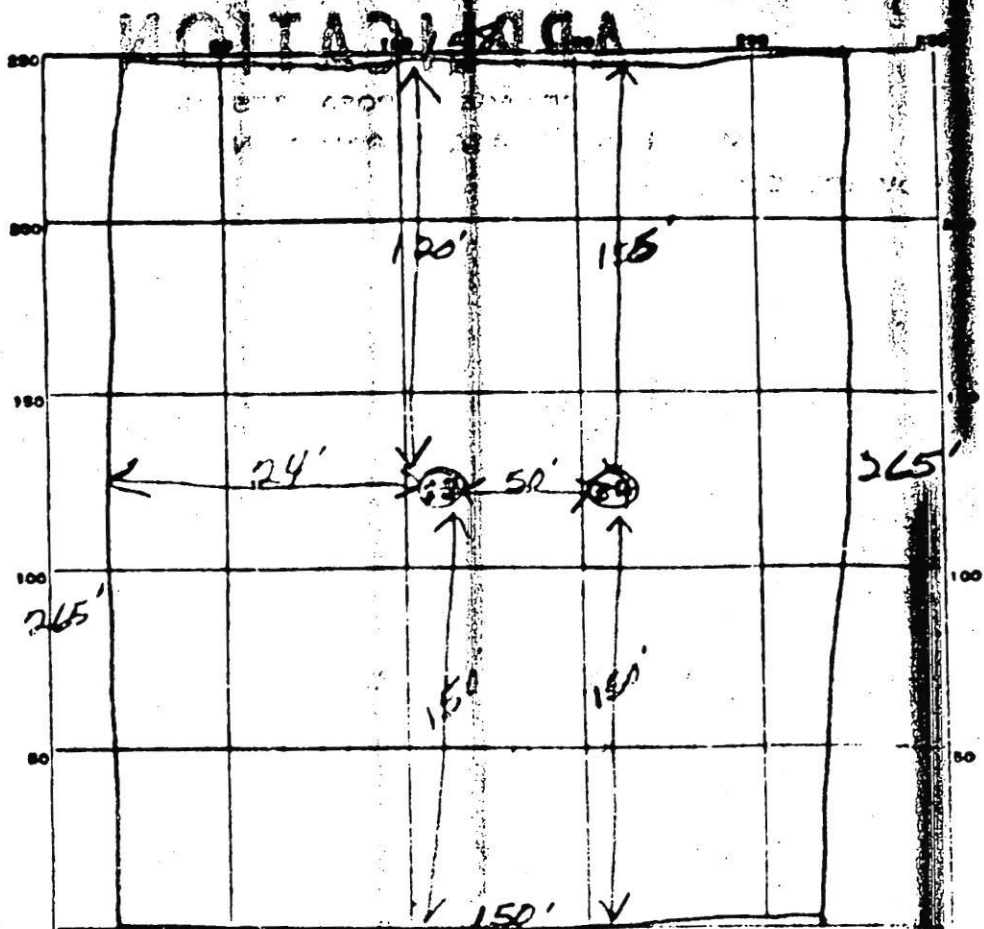
APPROVED BY [Signature] FOR [Signature] DATE 3-7-71

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A DEED



Patent Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/21/43	1	10'	10:22	10:29	10:22	10:56	7a
	2	4'	10:44	10:48	10:48	10:53	5a
	3	10'	10:50	10:54	10:54	11:25	11a
	4	4'	10:50	10:56	10:56	11:06	10a

SOIL AUGER FINDING _____

TESTED BY *[Signature]*

REMARKS _____

Septic Tank Absorption Fields—Howard County, Maryland



Map Scale: 1:554 if printed on A portrait (8.5" x 11") sheet.




Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84




MAP LEGEND

Area of Interest (AOI)





 Area of Interest (AOI)

Background





 Aerial Photography

Soils





Soil Rating Polygons

-  Very limited
-  Somewhat limited
-  Not limited
-  Not rated or not available


Soil Rating Lines

-  Very limited
-  Somewhat limited
-  Not limited
-  Not rated or not available

Soil Rating Points

-  Very limited
-  Somewhat limited
-  Not limited
-  Not rated or not available

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Howard County, Maryland
 Survey Area Data: Version 16, Aug 27, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 20, 2021—Jun 18, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Septic Tank Absorption Fields

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres in AOI	Percent of AOI
GgB	Glenelg loam, 3 to 8 percent slopes	Very limited	Glenelg (85%)	Seepage, bottom layer (1.00)	0.3	18.7%
				Slow water movement (0.50)		
			Gaila (10%)	Seepage, bottom layer (1.00)		
			Glenville (5%)	Depth to saturated zone (1.00)		
Slow water movement (1.00)						
GgC	Glenelg loam, 8 to 15 percent slopes	Somewhat limited	Glenelg (90%)	Slope (0.63)	1.0	73.0%
				Slow water movement (0.47)		
GmB	Glenville silt loam, 3 to 8 percent slopes	Very limited	Glenville (75%)	Depth to saturated zone (1.00)	0.1	8.3%
				Slow water movement (1.00)		
				Seepage, bottom layer (1.00)		
			Unnamed (15%)	Depth to saturated zone (1.00)		
				Slow water movement (1.00)		
				Seepage, bottom layer (1.00)		
			Baile (10%)	Ponding (1.00)		
Depth to saturated zone (1.00)						
	Slow water movement (1.00)					
Totals for Area of Interest					1.3	100.0%

Rating	Acres in AOI	Percent of AOI
Somewhat limited	1.0	73.0%
Very limited	0.4	27.0%
Totals for Area of Interest	1.3	100.0%

Description

Septic tank absorption fields are areas in which effluent from a septic tank is distributed into the soil through subsurface tiles or perforated pipe. Only that part of the soil between depths of 24 and 60 inches is evaluated. The ratings are based on the soil properties that affect absorption of the effluent, construction and maintenance of the system, and public health. Saturated hydraulic conductivity (Ksat), depth to a water table, ponding, depth to bedrock or a cemented pan, and flooding affect absorption of the effluent. Stones and boulders, ice, and bedrock or a cemented pan interfere with installation. Subsidence interferes with installation and maintenance. Excessive slope may cause lateral seepage and surfacing of the effluent in downslope areas.

Some soils are underlain by loose sand and gravel or fractured bedrock at a depth of less than 4 feet below the distribution lines. In these soils the absorption field may not adequately filter the effluent, particularly when the system is new. As a result, the ground water may become contaminated.

The ratings are both verbal and numerical. Rating class terms indicate the extent to which the soils are limited by all of the soil features that affect the specified use. "Not limited" indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected. "Somewhat limited" indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by special planning, design, or installation. Fair performance and moderate maintenance can be expected. "Very limited" indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

Numerical ratings indicate the severity of individual limitations. The ratings are shown as decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil feature has the greatest negative impact on the use (1.00) and the point at which the soil feature is not a limitation (0.00).

The map unit components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as listed for the map unit. The percent composition of each component in a particular map unit is presented to help the user better understand the percentage of each map unit that has the rating presented.

Other components with different ratings may be present in each map unit. The ratings for all components, regardless of the map unit aggregated rating, can be viewed by generating the equivalent report from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher