

Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 Fax: 410-313-2548  
TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

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

A570120

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME

PROPERTY ADDRESS

700 Middletrail Ct Mt Airy 21771  
STREET TOWN ZIP

TAX ACCOUNT #

332237

TAX MAP

2

GRID

23

PARCEL

193

LOT NO.

14-A

PROPOSED LOT

SIZE (ACRES)

1.219 Ac

ZONING CATEGORY

TIER

PROPERTY OWNER(S)

Bette Urban

DAYTIME PHONE

410-442-2789

CELL

EMAIL

bettern1003@msn.com

MAILING ADDRESS

700 Middletrail Ct Mt Airy 21771  
STREET CITY, STATE ZIP

APPLICANT

Fogles Septic Clean

RELATIONSHIP TO OWNER:

Contractor

DAYTIME PHONE

410-274-5670

CELL

EMAIL

Kim@foglesinc.com

MAILING ADDRESS

580 Obrecht Rd Sykesville 21784  
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.

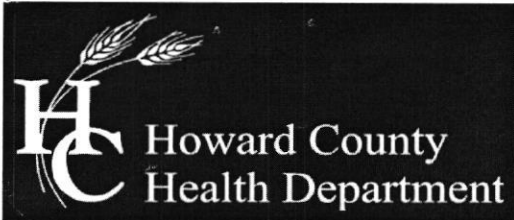
By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

*Kim A. Fogles*

SIGNATURE OF APPLICANT

8/20/21

DATE



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

APPLICATION FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME 1001

PROPERTY ADDRESS 700 MIDDLETAIL CT MTAIRY 21771

TAX ACCOUNT # 332237 TAX MAP 0062 GRID 0023 PARCEL 0193 LOT NO. 14A PROPOSED LOT SIZE (ACRES) 1.219 AR

ZONING CATEGORY TIER

PROPERTY OWNER(S) URBAN ANTHONY J GRESSLE ELIZABETH L

DAYTIME PHONE 410-442-2789 CELL 443-745-5060 EMAIL BETTECP1003@MSP.COM

MAILING ADDRESS SAME STREET CITY, STATE ZIP

APPLICANT George Silverman Legacy Septic RELATIONSHIP TO OWNER: Contractor

DAYTIME PHONE 410-540-8766 CELL 31-3704121 EMAIL INFO@Legacyseptic.com

MAILING ADDRESS 1538 MANCHESTER RD. WESTMINSTER MD 21157

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 4 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:

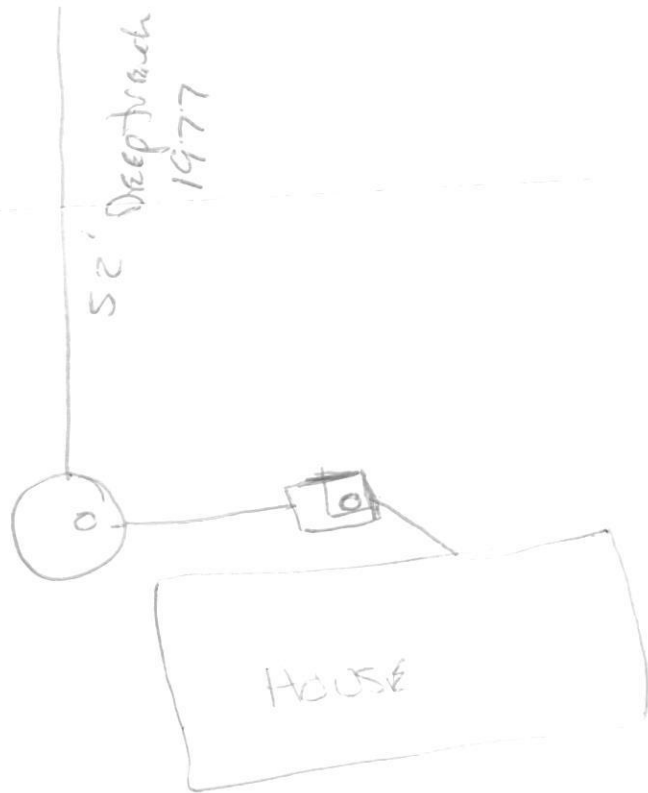
- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
THE APPLICATION FEE IS NON-REFUNDABLE
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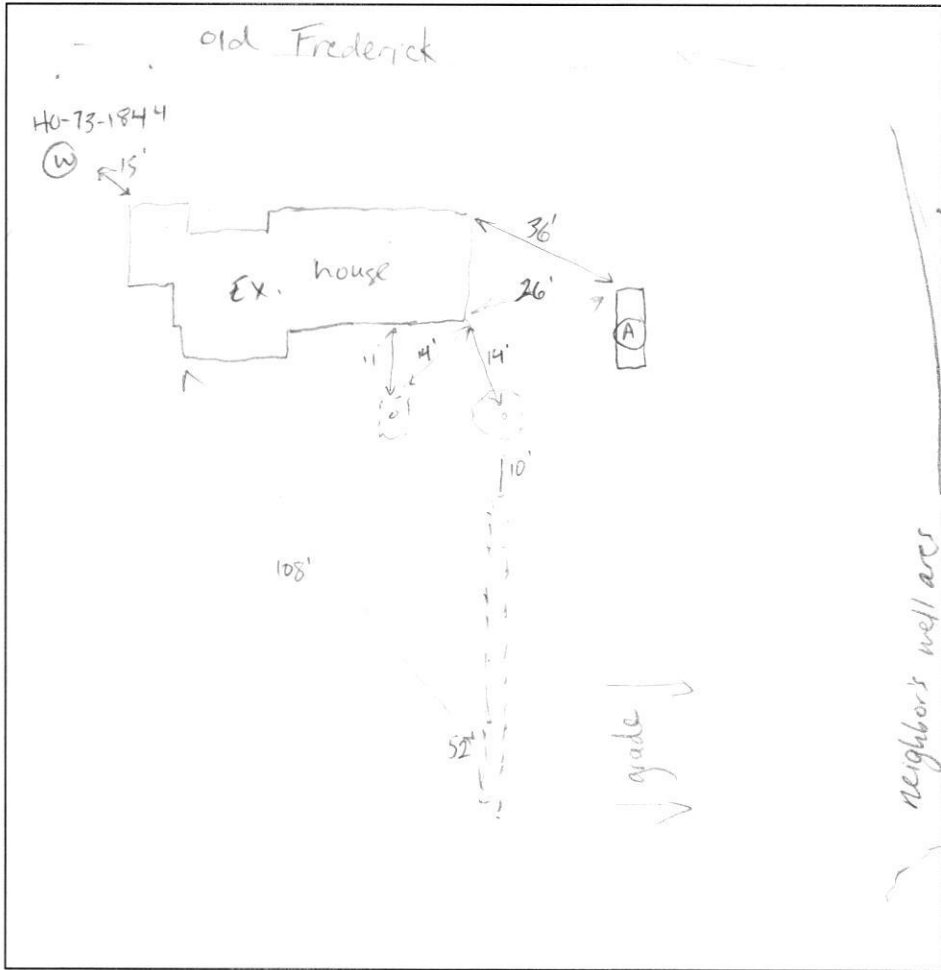
SIGNATURE OF APPLICANT

DATE





- (A)
- 1.5' Brn. topsoil
- Rd SCI, 5% rock, damp
- 2.5' RY SCI, 10% rock, saprolite, damp
- 4' Y LS, 20% rock, saprolite, damp
- 5' RZS. very fine, saprolite, damp
- 6' Y LS, fine, 30% rock, saprolite, damp
- 7' YLS fine, 10% rock, saprolite, weathered rock
- 8' YR LS, black stone, 15% saprolite, weathered rock
- 11' hard bottom



Miller Fall

neighbors well area

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9/13/21	1	4'	11:55	11:59	12:07	8'	P 0.8

REMARKS Dry well full, backing up into house, black stone at end of trench.  
 SANITARIAN Susan Thomas BACKHOE Dustin OTHERS Rob  
 TEST HOLES USED IN SDA 1 AVG. PERC TIME 8' SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH 3' INLET DEPTH 4' MAX. BOT DEPTH 7' EFFECTIVE SW 3'

$600 \text{ gal} / 0.8 = 750 \text{ ft}^3 / 3 = 250 \text{ ft}^3 \times 0.5 = 125'$  2x 63' trenches

LOCATION GLENELG

MD+DE PA VA

Established Series

Rev. JDC/MJ

02/2008

## GLENELG SERIES

The Glenelg series consists of very deep, well drained soils formed in residuum weathered from micaceous schist on uplands of the Blue Ridge and the Northern Piedmont. Slopes range from 0 to 55 percent. Saturated hydraulic conductivity is moderately high in the subsoil and moderately high to high in the substratum. Mean annual temperature is 53 degrees F., and mean annual precipitation is 40 inches.

**TAXONOMIC CLASS:** Fine-loamy, mixed, semiactive, mesic Typic Hapludults

**TYPICAL PEDON:** Glenelg loam, 3 to 8 percent slopes, located in a crop field. (Colors are for moist soil unless otherwise stated.)

**Ap1**--0 to 6 inches; brown (10YR 4/3) loam; moderate medium subangular blocky parting to strong fine granular structure; friable; common fine, many fine and few medium roots; 5 percent schist channers; slightly acid; clear smooth boundary.

**Ap2**--6 to 10 inches; brown (7.5YR 4/4) clay loam; moderate medium subangular blocky parting to strong coarse granular structure; friable; many fine and few medium roots; common fine and coarse tubular pores; 8 percent schist channers; slightly acid; abrupt smooth boundary.

**Bt1**--10 to 18 inches; strong brown (7.5YR 5/8) clay loam; moderate coarse subangular blocky parting to moderate medium subangular blocky structure; friable; many fine and few medium roots; many fine and common coarse tubular and common medium vesicular pores; common distinct brown (7.5YR 5/4) organic coatings; 3 percent schist channers; moderately acid; clear wavy boundary.

**Bt2**--18 to 25 inches; strong brown (7.5YR 5/6) clay loam; weak coarse subangular blocky parting to moderate medium subangular blocky structure; friable; common fine roots; many fine tubular and common fine vesicular pores; common distinct brown (7.5YR 5/4) organic coatings on faces of peds and in pore linings; 8 percent schist channers; moderately acid; clear smooth boundary.

**Bt3**--25 to 30 inches; yellowish brown (10YR 5/6) clay loam; moderate very thick platy parting to moderate medium subangular blocky structure; friable; common fine roots; few fine tubular pores; common prominent yellowish red (5YR 5/8) lithochromic mottles; 5 percent schist channers; moderately acid; clear smooth boundary.

**BCt**--30 to 42 inches; yellowish red (5YR 5/6) and yellowish brown (10YR 5/6) loam; moderate very thick platy parting to weak medium subangular blocky; friable; few fine roots; common fine tubular pores; 5 percent schist channers; strongly acid; clear wavy boundary.

**CBt**--42 to 54 inches; yellowish red (5YR 5/6) and yellowish brown (10YR 5/6) loam; moderate thick platy structure; friable; few fine roots; many fine, few medium and coarse tubular and common fine vesicular pores; 5 percent schist channers and 2 percent quartz gravels; strongly acid; clear wavy boundary.

**C**--54 to 76 inches; strong brown (7.5YR 5/8), brownish yellow (10YR 6/8) and yellow (10YR 7/6) extremely channery sandy loam; weak thick platy structure inherited from the rock; friable; few fine roots; 50 percent schist channers; very strongly acid.

**TYPE LOCATION:** Howard County, Maryland. 0.5 miles south of Route 144 on St. Michaels Road and 0.25 miles southeast of the intersection of St. Michaels Road and Hardy Road in Howard County. Lat. 39 degrees, 20 minutes, 09 seconds and Long. 77 degrees, 6 minutes, 12 seconds.

**RANGE IN CHARACTERISTICS:** Depth to the base of the argillic horizon ranges from 18 to 35 inches. Depth to bedrock is 6 to 10 or more feet. Rock fragments range from 0 to 35 percent throughout the solum and 5 to 55 percent in the C horizon. Fragments are mostly hard white quartzite or schist and range from gravel or channers to stones in size. Stone content ranges from 0 to 5 percent. Mica content increases sharply in the lower part of the solum and substratum. Unlimed reaction ranges from very strongly acid to slightly acid.

The A or Ap horizon has hue of 7.5YR or 10YR, value of 3 to 5, and chroma of 1 to 4. It is loam, silt loam or clay loam in the fine earth fraction. Silt content is close to 50 percent.

The E horizon, where present, has hue of 7.5YR or 10YR, value of 3 to 5 and chroma of 2 to 4. It is loam or silt loam in the fine earth fraction, with silt content close to 50 percent.

The Bt horizon and (BCt where present) has hue of 5YR to 10YR, value of 4 or 5 and chroma of 4 to 8. It is loam, silt loam, silty clay loam or clay loam in the fine earth fraction. The particle-size control section is 20 to 35 percent clay.

The C horizon and (CBt where present) has hue of 2.5YR to 10YR, value of 4 to 6, and chroma of 2 to 8. It commonly is variegated due to variations in the saprolite. The C horizon is loam, sandy loam or loamy sand in the fine earth fraction. In some pedons, the C horizon has silt loam textures in the lower part where veins of quartz remain from weathering processes.

**COMPETING SERIES:** These are the Albemarle, Allegheny, Allenwood, Arendtsville, Cades, Cardova, Chetwynd, Clifftop (T), Drapermill, Elsinboro, Eubanks, Ezel, Frankstown, Gilwood, Glenelg, Happyland, Leck Kill, Lonon, Meadowville, Milldraper, Murrill, Nixon, Queponco, Reybold, Rhodhiss, Shouns, Tate, Ungers, Whiteford series. Albemarle, Cardova, Clifftop (T), Drapermill, Gilwood, Milldraper and Ungers soils have bedrock at less than 60 inches. Allegheny, Ezel, and Meadowville soils lack coarse fragments dominated by mica schist and mica gneiss. Arendtsville, Eubanks, Frankstown, Leck Kill, Murrill, Nixon, Shouns, and Whiteford soils lack mica flakes. Allenwood soils are formed in glacial till. Cades and Elsinboro soils formed on old stream terraces and alluvial fans. Chester soils have an argillic horizon greater than 25 inches. Chetwynd soils formed from unconsolidated outwash sediments. Happyland soils have a moderately slow to slow hydraulic conductivity in the series control section. Queponco and Reybold soils are found in the mid-Atlantic coastal plain. Rhodhiss and Lonon soils have significantly lower silt content. Tate soils are formed in colluvium of the southern Blue Ridge.

**GEOGRAPHIC SETTING:** Glenelg soils are nearly level to very steep soils in well dissected uplands of the Northern Piedmont Plateau and the Blue Ridge. Slope ranges from 0 to 55 percent. The soils formed in residuum (saprolite) from micaceous schist. The climate is temperate and humid with a mean annual temperature of 47 to 55 degrees F. and mean annual precipitation of about 40 inches near the type location.

**GEOGRAPHICALLY ASSOCIATED SOILS:** These are the Chester, Edgemont, Elsinboro, Meadowville and Whiteford series and the Baile, Brandywine, Codorus, Comus, Delanco, Elioak, Fairfax, Glenville, Hatboro, Linganore, Manor, Mt. Airy and Urbana soils. Baile soils are poorly drained and formed from local alluvium over residuum in upland depressions and on footslopes. Brandywine, Manor and Mt. Airy soils do not have a Bt horizon. Codorus, Comus and Hatboro soils formed from recent alluvium on flood plains. Delanco and Kinkora soils formed from alluvium and occur on terraces. Elioak soils have a Bt horizon averaging more than 35 percent clay. Fairfax soils have more clay and formed in alluvium and the underlying residuum. Glenville and Urbana soils have a fragipan. Linganore soils have more than 35 percent rock fragments and have base saturation greater than 35 percent. Chester soils have depths to the base of the argillic ranging from 31 to 55 inches.

**DRAINAGE AND SATURATED HYDRAULIC CONDUCTIVITY:** Well drained. Saturated hydraulic conductivity is moderately high in the subsoil and moderately high to high in the substratum. Runoff class

ranges from low on level slopes to very high on steep or very steep slopes.

**USE AND VEGETATION:** Most areas of Glenelg soils are in crops including corn, soybeans, small grains, hay, and to a limited extent, pasture. Native vegetation is red oak, white oak, hickory, and tulip poplar.

**DISTRIBUTION AND EXTENT:** Maryland, Delaware, Pennsylvania, and Virginia. The series is of large extent, estimated to be greater than 500,000 acres.

**MLRA SOIL SURVEY REGIONAL OFFICE (MO) RESPONSIBLE:** Morgantown, West Virginia

**SERIES ESTABLISHED:** Howard County, (Middle Patuxent River Project), Maryland, 1940.

**REMARKS:** The 2/99 revision places Glenelg soils in an semiactive CEC activity class, but additional data from University of Maryland and NSSL show CEC class of active as well. Pedons S82MD-031-001 (semiactive) and S56PA-029-002 (active). The depth to the base of the argillic is change from 30 to 35 inches. The upper slope range was also expanded from 50 to 55 percent to facilitate the correlation of Grayson County, Virginia. The type location moved to Howard County, Maryland in 2004 to be more centered within MLRA 148. 7/2007 revisions were for updating competing and geographically associated soils also Ksat.

Diagnostic horizons and features recognized in this pedon are:

- a. Ochric epipedon - the zone from the surface of the soil to a depth of approximately 6 inches. (Ap1 and Ap2 horizons)
- b. Argillic horizon - the zone from approximately 10 to 30 inches. (Bt1, Bt2, and Bt3 horizons)

MLRA 148, 147, 130

Revised 1/91-WDC; 2/99-DHK; 3/99-REP; 11/2004-MAV; 01/2006-MAV; 02/2007- JDC

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National Cooperative Soil Survey  
U.S.A.