



Bureau of Environmental Health
 7178 Gateway Drive Columbia, MD 21046
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

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

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION 1545106

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Woodmark LOT # 5

PROPERTY ADDRESS 12152 Mt. Albert Ct Ellicott City 21043
STREET TOWN ZIP

TAX ACCOUNT # _____ TAX MAP _____ GRID _____ PARCEL _____ ZONING DESIGNATION _____

PROPERTY OWNER(S) Mr De Vries

DAYTIME PHONE _____ CELL _____ EMAIL _____

MAILING ADDRESS _____

APPLICANT Huffield's Equipment (Jeff) CITY, STATE _____ ZIP _____
 RELATIONSHIP TO OWNER: contractor

DAYTIME PHONE 410-984-0047 CELL _____ EMAIL khuffield@huffieldsEquipment.com

MAILING ADDRESS PO Box 519 Annapolis Junction MD 20707
STREET CITY, STATE ZIP
 Fax 301-490-4289

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S):

- 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)
- PROPERTY:**
- SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: _____
 - CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
 - REPAIR OR REPLACE FAILING OSDS
 - UPGRADE EXISTING OSDS
- IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?
- YES
 - NO

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

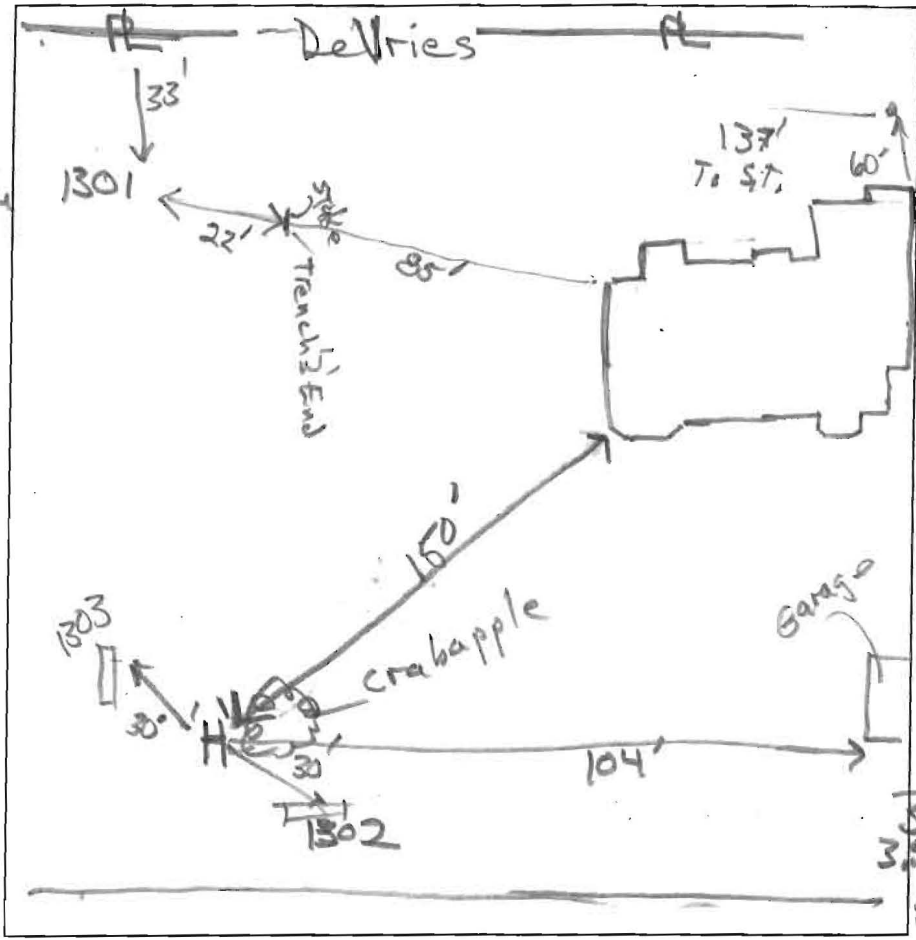
- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
- THE APPLICATION FEE IS NON-REFUNDABLE
- THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE 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.

Jeff Reut 7-29-13
 SIGNATURE OF APPLICANT DATE

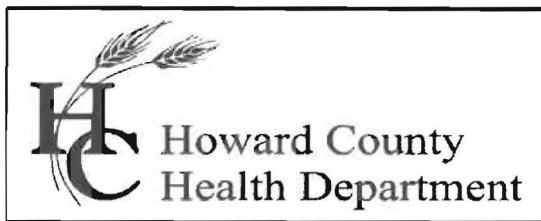
1301
brn loam
brn clay loam
brn sil
S - R



1302 (near st)
brn & dk brn
Loam, mixed
prob' fill
few boulders
& stones
brn ts
many mica
heavy
yellow ls
& grey-brn ls
few mica
10' grey-brn ls
11' 3 pl saponite
R
1303
dk grey-brn
grl
brn loam
3msbk to 2msbk
common mica
brn sil
many mica
brn ls
5.5' grey-brn ls
& yellow ls
interlayered
few mica
R
10' low side

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
8/21/13	1301	5'	Visual	-	Refusal		F
8/21/13	1302	4.2' / 11"	0	1.5	3.9	2.4	P
8/21/13	1303	4.5' / 10"	0	1.3	3.7	2.4	P

Wall tag #91-0129
REMARKS 18" steel case above soil; 2-pc metal cap; conduit snug in cap part
SANITARIAN R Bricker BACKHOE Jeff Reiter OTHERS _____
TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

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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

August 9, 2013

TO: Jeff Reiter, Hatfield's Equipment
c/o Ken Hatfield, KHatfield@HatfieldsEquipment

FROM: Robert Bricker, REHS/R.S.
Bureau of Environmental Health
Well and Septic Program

RE: **Percolation Test Application for 12152 Mount Albert Court, A545106**

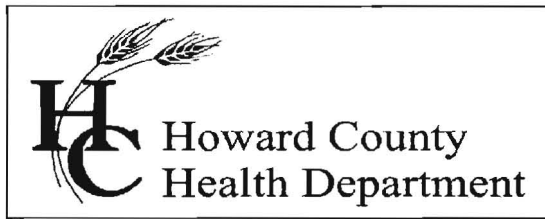
The drawing submitted with the percolation test application for the subject property does not present all of the required information. Following is a list of content to be included in the percolation testing application plan.

- 1) The plan is presented on a surveyors plat, showing accurate 'footprint' locations for the structures on the property, and the locations of planned improvements. The plan is properly presented at a scale of 1:100 (1 inch=100 feet), 1:60, 1:50, 1:40, or 1:30.
- 2) Topography must be presented as elevation contours at 2-foot intervals.
- 3) Illustrate the soil map units from the most recent NRCS survey (2002-03, available online).
- 4) Accurately illustrate the location of the well on the subject property, and either two replacement well locations or a 1500 sq. ft. well zone.
- 5) Accurately illustrate the locations of components of the existing septic system on the subject property.
- 6) Illustrate the configuration of the sewage disposal area as it was most recently approved by the Health Department, and propose sewage disposal area that is to replace the area being developed. The area being proposed does not have to be contiguous, but it cannot span the concave landform (re: swale) that dominates the back of the subject property.
- 7) Propose an adequate number of tests in the proposed replacement area.
- 8) Accurately illustrate all existing wells and septic systems that are within 100 feet of the subject property.

The proposed percolation test locations must be staked for field review prior to scheduling a date for testing.

If you have any questions concerning these comments, you may contact me at 410-313-2691.

Copy: file



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

August 21, 2013

To: Steve Clancy, contractor
sclancy@towncreeklandscaping.com

RE: Percolation Test Report, 12152 Mount Albert Court; A545106

Percolation testing was conducted on the referenced property on August 21, 2013. The purpose for conducting these percolation tests was to re-configure the sewage disposal area (SDA) in anticipation of a proposal to install an in-ground pool. The area of the SDA must be at least 10,000 square feet.

Three pits for soil analyses and percolation tests were dug. Soil conditions observed at one location (#1301) are not suitable for wastewater disposal. However, soils conditions at two other locations (#1302 and #1303) are suitable for onsite wastewater treatment and disposal.

Field data collected are shown on Percolation Test Worksheets enclosed with this letter. Recommended Inlet and Trench Bottom depths, and Usable Sidewall all are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested. The values for the drainfield parameters will be documented during the Percolation Certification Plan process, and then maintained in the Health Department file for the subject property.

A Percolation Certification Plan must now be submitted to the Health Department for signature approval. Additional field review of well or septic system conditions may be required at any time during this process. After the Percolation Certification Plan is signed, a proposal for building permit may be reviewed for approval by the Health Department.

If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan or Site Plan, please contact me at the above address or by calling (410) 313-2691.

Respectfully,

A handwritten signature in black ink that reads 'Robert Bricker'.

Robert Bricker, CPSS, REHS/RS
Environmental Sanitarian
Well and Septic Program

Enclosures (1)

Copy: Ken Hatfield, Applicant
File

Notes:

- Purpose of Plan: Certification compliance with MDE ownership width and lot area requirements
- The lot shown hereon complies with the minimum ownership, width, and lot area as required by the Maryland State Department of the Environment
- Existing wells, septic systems, and sewage disposal areas within 100' of the property and those wells within 200' down gradient of existing or proposed septic systems or sewage disposal areas have been shown
- Topography shown is at two foot contour intervals and has been field verified or field run
- Any changes to a private sewage area shall require a revised perc certification plan

Howard County, Maryland (MD027)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
GbB	Gladstone loam, 3 to 8 percent slopes	2.5	59.7%
GmB	Glennville silt loam, 3 to 8 percent slopes	0.0	0.6%
MaC	Manor loam, 8 to 15 percent slopes	1.7	39.7%
Totals for Area of Interest		4.2	100.0%

NRCS Survey



PLOT PLAN
WAKEFIELD PROPERTY
 LOT 5

TAX MAP 22 3RD ELECTION DISTRICT PARCEL 310 HOWARD COUNTY, MARYLAND

FREDERICK WARD ASSOCIATES, INC.
 ENGINEERS 7125 Riverwood Drive Columbia, Maryland 21046-2354
 PHONE: 410-290-9560 FAX: 410-720-6228
 OFFICES: Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

DESIGN BY: JT
 DRAWN BY: JT
 CHECKED BY: JCO
 DATE: MAY 17, 2013
 SCALE: 1"=50'
 W.O. NO.: 2024039

1" = 1'



Owner: Mark & Elyse DeVries
 12152 Mt. Albert Court Ellicott City, MD 21042
 410-531-6262

Owner Signature _____ Date _____

Certification Statement

I certify that the information shown hereon is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief"

Stephen M. Papp 9/6/2013
 Signature Date

"Approved for Private Water and Private Sewerage Systems:"

B. Nelson for Maura Rogman 9/18/2013
 Health Officer, Howard County Health Dept Date

Legend

- Original Passing Perc Test
- Original Failed Perc Test
- New Passing Perc Test
- New Failed Perc Test
- ▨ Actual Location of Permanent Structures

TOWN CREEK
 LANDSCAPING, POOLS & CONSTRUCTION

Steve Clancy
 Vice President
 Senior Designer

TEL: 443.266.7198
 FAX: 443.266.7095
 CELL: 301.252.4863
 scclancy@towncreeklandscaping.com
 www.towncreeklandscaping.com

De Vries Residence

DRAWING TITLE: Percol Certification Plan
 REVISIONS: No. Desc
 SCALE: 1" = 30'
 1" = 1'
 PLOT DATE: September

PC545106

Notes:

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NRCS Survey



PLOT PLAN
WAKEFIELD PROPERTY
 LOT 5

TAX MAP 22
 3RD ELECTION DISTRICT
 PARCEL 510
 HOWARD COUNTY, MARYLAND

FREDERICK WARD ASSOCIATES, INC.
 7125 Riverwood Drive
 Phone: 410-200-9550 Fax: 410-720-8228
 Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

DESIGN BY: JT
 DRAWN BY: JT
 CHECKED BY: JCO
 DATE: MAY 17, 2002
 SCALE: 1"=30'
 W.C. NO.: 2002-09

1" = 30'



Owner: Mark & Elyse DeVries
 12152 Mt. Albert Court Ellicott City, MD 21042
 410-531-6262

Owner Signature _____ Date _____

Certification Statement

I certify that the information shown hereon is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief"

Steve Clancy 9/6/2003
 Signature Date

"Approved for Private Water and Private Sewerage Systems."

B. Dwyer for Maria Rodman 9/18/2003
 Health Officer, Howard County Health Dept Date

- Legend**
- Original Passing Perc Test
 - Original Failed Perc Test
 - New Passing Perc Test
 - New Failed Perc Test
 - ▨ Actual Location of Permanent Structures

TOWN CREEK
 LANDSCAPING POOLS & CONSTRUCTION

Steve Clancy
 Vice President
 Senior Designer

TEL: 443.266.7198
 FAX: 443.266.7095
 CELL: 301.252.4863
 www.towncreeklandscaping.com

DRAWING TITLE:
Percol Certification Plan

REVISIONS:
 No. Desc

SCALE:
 1" = 30'

PLOT DATE:
 September

Steve Clancy
 Vice President
 Senior Landscape Designer

De Vries Residence

PC545106