



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 536704

AGENCY REVIEW: \_\_\_\_\_

DATE 1-25-12

DO NOT WRITE ABOVE THIS LINE

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

CHECK AS NEEDED:

- ☒ CONSTRUCT NEW SEPTIC SYSTEM(S)  
☐ REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM  
☐ REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- ☒ NEW STRUCTURE(S)  
☐ ADDITION TO AN EXISTING STRUCTURE  
☐ REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- ☒ CREATE NEW LOT(S)  
☒ BUILD ON AN EXISTING LOT IN A SUBDIVISION  
☐ BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- ☒ YES  
☐ NO

THE TYPE OF STRUCTURE IS:

- ☒ RESIDENTIAL WITH UNKNOWN PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)  
☐ COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)  
☐ INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) NAMLEB CORP. (BOB BURUS)

DAYTIME PHONE \_\_\_\_\_ CELL (301) 520-5464 FAX \_\_\_\_\_

MAILING ADDRESS C/O PCA GROUP SUITE 300 COLUMBIA MD 21045  
6051 ONE HALL LANE STREET CITY/TOWN STATE ZIP

APPLICANT G. F. COOTER & S. ABERGER, C/O S. ABERGER & LANE

DAYTIME PHONE (410) 461-9563 CELL \_\_\_\_\_ FAX (410) 461-9693

MAILING ADDRESS 8716 TOWN & COUNTRY BLVD, SUITE 201, ELLICOTT CITY, MD. 21043  
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME "PROPERTY OF HARRY J. LILLIENTFIELD" LOT NO. 2, BLOCK A

PROPERTY ADDRESS REAR RESERVOIR RD FULTON, MD. 20741  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 45 GRID 11 PARCEL(S) A2 PROPOSED LOT SIZE EX. 60,006 SQ. FT

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

[Signature]  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P \_\_\_\_\_

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS \_\_\_\_\_

SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

A/P 530340

AGENCY REVIEW: \_\_\_\_\_

DATE 3/19/09

DO NOT WRITE ABOVE THIS LINE

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

CHECK AS NEEDED:

- ☒ CONSTRUCT NEW SEPTIC SYSTEM(S)  
☐ REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM  
☐ REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- ☒ NEW STRUCTURE(S)  
☐ ADDITION TO AN EXISTING STRUCTURE  
☐ REPLACE AN EXISTING STRUCTURE

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- ☒ CREATE NEW LOT(S)  
☒ BUILD ON AN EXISTING LOT IN A SUBDIVISION  
☐ BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- ☒ YES  
☐ NO

THE TYPE OF STRUCTURE IS:

- ☒ RESIDENTIAL WITH UNKNOWN PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)  
☐ COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)  
☐ INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) NAMLEB CORP. (BOB BURNS)

DAYTIME PHONE \_\_\_\_\_ CELL (301) 520-5464 FAX \_\_\_\_\_

MAILING ADDRESS C/O PCA GROUP SUITE 300 COLUMBIA MD 21045  
6051 OAK HALL LAKE STREET CITY/TOWN STATE ZIP

APPLICANT G. SCOTT STANABERGER, C/O STANABERGER & LANE

DAYTIME PHONE (410) 461-9563 CELL \_\_\_\_\_ FAX (410) 461-9693

MAILING ADDRESS 8716 TOWN & COUNTRY BLVD, SUITE 201, ELLICOTT CITY, MD, 21043  
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME "PROPERTY OF HARRY J. LILLIENTFIELD" LOT NO. 2, BLOCK A

PROPERTY ADDRESS ROCK RESERVOIR RD. FULTON, MD. 20741  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 45 GRID 11 PARCEL(S) 42 PROPOSED LOT SIZE 60,006 SQ. FT. EX.

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

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[Signature]  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
1718 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P \_\_\_\_\_

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS \_\_\_\_\_

SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



**Bernard, Dana**

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**To:** Shanaberger & Lane  
**Subject:** Reservoir Road  
**Attachments:** 8532 Reservoir Road Perc Informantion.docx; 8532 Reservoir Road Perc Letter.docx

Good Morning Scott,

I have attached the results from the percolation testing on Reservoir Road. Also, the percolation plan was reviewed and we discovered that the property is located within 2, 500 feet of the normal water level of the Rocky Gorge Reservoir . Two notes must be added to the general notes to address this finding. They are listed below.

Notes: 1. A variance to the minimum 2 acre lot size requirement for lots within 2500 feet of a reservoir (COMAR 26.04.02.04K) Must be granted by the maryland department of the environment for septic system instillation.

2. Pre-treatment will be required for the proposed septic system and the maximum number of bedrooms is four (4).

Scott, If you have any questions, I will be in the office later this afternoon. I am scheduled in the field this morning but I will be glad to answer any questions you have when I return.

Sincerely,  
Dana Bernard  
Dana Bernard, REHS/RS  
Bureau of Environmental Health  
Well and Septic Program  
Development and Coordination Section  
Phone (410) 313-2775  
Fax (410) 313-2648  
E-mail: [DBernard@howardcountymd.gov](mailto:DBernard@howardcountymd.gov)

**CONFIDENTIALITY NOTICE**

**This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.**

**Williams, Jeffrey**

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**From:** Bricker, Robert  
**Sent:** Monday, January 23, 2012 4:31 PM  
**To:** Shanaberger & Lane  
**Cc:** Scott, Heidi; Williams, Jeffrey  
**Subject:** RE: Lillienfield Property Reservoir Road

Scott,  
The percolation application has expired. Though your plan may still be the same, a fee (\$506) and new Application are required. The code reference is pasted below. I've underlined the relevant statement.

Robert Bricker, REHS/R.S.  
Environmental Sanitarian Supervisor  
Well and Septic Program  
410-313-2691

From Howard County Code Section 3.806(A)

(4) *APPROVAL OF PERCOLATION TEST APPLICATION.* THE PERCOLATION TEST APPLICATION MAY BE APPROVED WHEN THE PERCOLATION CERTIFICATION PLAN IS SIGNED OR, IF A PERCOLATION CERTIFICATION PLAN IS NOT REQUIRED, OTHER DEMONSTRATION OF ADEQUATE AREA FOR ON-SITE SEWAGE DISPOSAL IS PROVIDED. THE PERCOLATION TEST APPLICATION IS VALID FOR 2 YEARS FROM THE DATE OF PAYMENT OF THE REQUIRED APPLICATION FEE. THE SIGNED PERCOLATION CERTIFICATION PLAN SHALL REMAIN VALID UNLESS CHANGES TO THE PERCOLATION CERTIFICATION PLAN ARE REQUIRED.

---

**From:** Shanaberger & Lane [mailto:home@shanlane.com]  
**Sent:** Monday, January 23, 2012 2:00 PM  
**To:** Bricker, Robert  
**Cc:** Scott, Heidi  
**Subject:** Lillienfield Property Reservoir Road

Robert

In 2009 we applied for and received a perc test permit for a lot on Reservoir Road called "Lot 2, Block A, Property of Henry J. Lillienfield". A copy of the application is attached. A copy of the plat to accompany the application is also attached. Sara Sappington was the inspector originally assigned to the job. Bill Ingram was contracted to do the perc testing. The perc testing was scheduled for April 30, 2009. I do not have the A number.

For a number of reasons the perc testing was put off by the property owner. A copy of my fax requesting this postponement is attached.

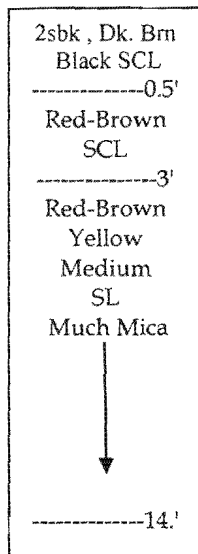
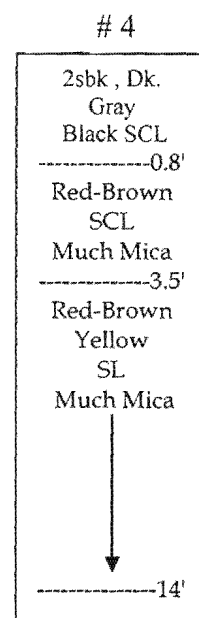
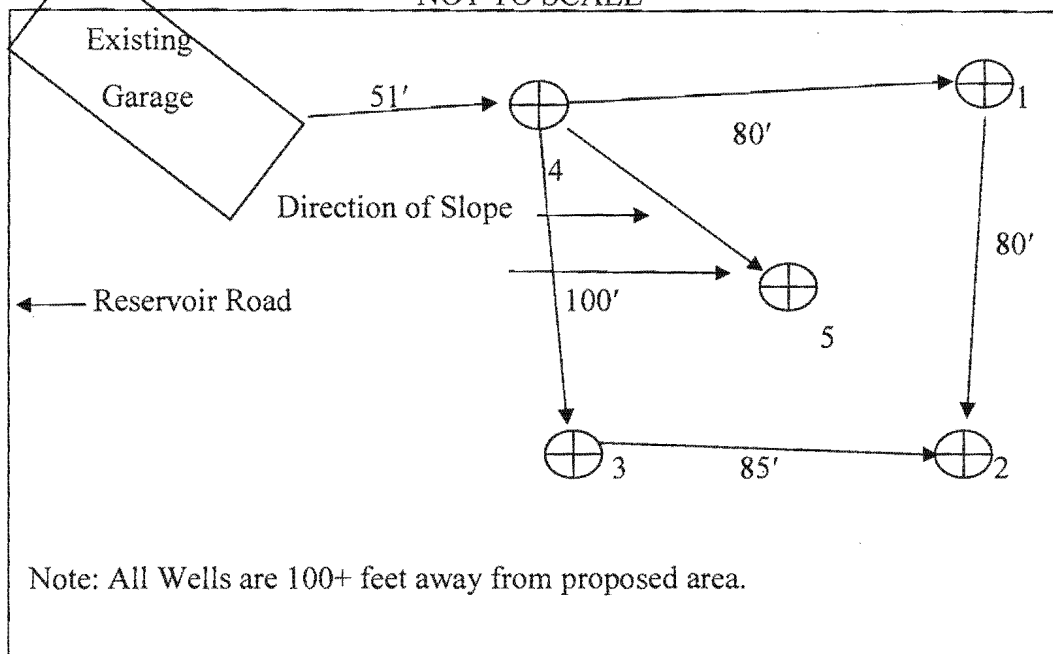
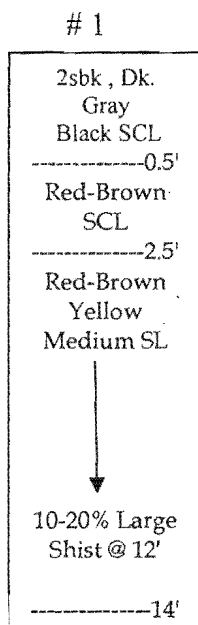
At this time the property owners would like to pick up where they left off and schedule the perc testing on the lot as soon as possible. We will have the test holes staked prior to perc testing, and I will notify Bill Ingram that the project is resuming. Please let me know what you need from me. Thanks.

G. Scott Shanaberger  
Professional Land Surveyor  
Shanaberger & Lane  
8726 Town & Country Blvd.

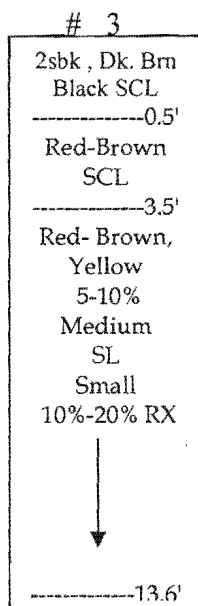
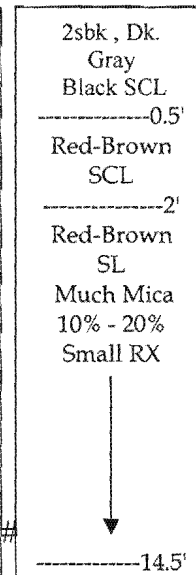
# A5367049

## Percolation Information- Reservoir Road

NOT TO SCALE



Date	Test	Depth	Start	Break 1" Drop	Break 2" Drop	Time of 2 <sup>nd</sup> Inch	P/F/H
02-7-12	1	4 / 14	10:48	10:50	10:53	3 min.	Pass
02-7-12	2	4 / 14	10:34	10:36	10:41	5 min.	Pass
02-7-12	3	4/ 13.6	10:24	10:26	10:30	4 min.	Pass
02-7-12	4	5/14	10:10	10:13	10:17	4 min.	Pass
02-7-12	5	4/ 14.5	11:27	11:29	11:34	5 min.	Pass

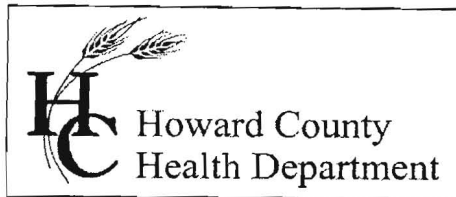


Remarks: Undeveloped Property. Perc holes must be surveyed on  
Percolation Certification Plan.

Sanitarian D. Bernard Backhoe Farm Home Excavation Others \_\_\_\_\_

Test Holes Used in 5 in SDA \_\_\_\_\_ Avg. Perc Time 4 min. \_\_\_\_\_ SQ.FT/BR \_\_\_\_\_

Trench Width 3' Inlet Depth 3' Max Bot. Depth 5' Effective S/W 1.5



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](http://www.hchealth.org)

Peter L. Beilenson, M.D., M.P.H., Health Officer

February 13, 2012

RE: **Percolation Test Results**  
Purpose: To Establish Septic Reserved Area  
Property ID: 8532 Reservoir Road  
Fulton, Maryland 20759

TO: Shanaberger and Lane  
C/o Scott Shanaberger  
8726 Town and Country Blvd. Suite 201  
Ellicott City, Maryland 21043

CC: Nameleb Corp. -Bob Burns (Owner)  
C/o PCA Group  
6851 Oak Hall Lane Suite 300,  
Columbia, Maryland 21045

Mr. Shanaberger:

Percolation testing was recently conducted on February 7, 2012 on the above referenced property, in an effort to establish a septic reserve area.

A total of 5 test holes were dug in the proposed area. Results for the lot indicated satisfactory soil conditions for onsite wastewater disposal. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall are indicated, and may be confirmed at the time of installation. Field data collected is shown on the Percolation Test Worksheet enclosed with this letter.

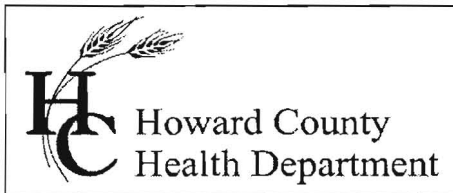
The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve area. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Respectfully,

*Dana Bernard*

Dana Bernard, REHS/ RS  
Bureau of Environmental Health  
Well and Septic Program  
Development and Coordination Section  
Phone (410) 313-2775  
E-mail: [DBernard@howardcountymd.gov](mailto:DBernard@howardcountymd.gov)

DLB  
Enclosures  
cc: Well & Septic Program



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](http://www.hchealth.org)

---

Peter L. Beilenson, M.D., M.P.H., Health Officer

February 13, 2012

**RE: Percolation Test Results**

Purpose: To Establish Septic Reserved Area

Property ID: 8532 Reservoir Road  
Fulton, Maryland 20759

TO: Shanaberger and Lane  
C/o Scott Shanaberger  
8726 Town and Country Blvd. Suite 201  
Ellicott City, Maryland 21043

CC: Nameleb Corp. -Bob Burns (Owner)  
C/o PCA Group  
6851 Oak Hall Lane Suite 300,  
Columbia, Maryland 21045

Mr. Shanaberger:

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Respectfully,

*Dana Bernard*

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DLB  
Enclosures  
cc: Well & Septic Program

NAMLEB CORP  
% UHY ADVISORS  
6851 OAK HALL LANE, Swt 300  
COLUMBIA, MD, 21045

March 1, 2012

Maryland Department of the Environment  
Bureau of Environmental Health  
Well and Septic Program  
Howard County Health Department  
7178 Columbia Gateway Drive  
Columbia, MD 21046  
Attention: Jeffrey Williams, Supervisor, Well & Septic Program

re: variance request  
Lot 2, Lilienfield Property  
Reservoir Road  
F-12-049

Dear Mr. Williams:

The purpose of this letter is to request a variance to the minimum 2 acre lot size requirement for lots within 2500 feet of a reservoir (COMAR 26.04.02.04K) for septic system instillation. We are currently the owners of Lot 2 of the Lilienfield Property on the north side of Reservoir Road. The lot is shown on a plat recorded in 1972. A copy of the plat accompanies this letter. Lots 1 and 3 shown on the same plat have been built on and occupied for years, using private wells and septic systems.

We have recently had Lot 2 perc tested and found satisfactory soil conditions for private sewage disposal. There is a Perc Certification Plat done by Shanaberger & Lane, Land Surveyors, which has been reviewed by the Bureau of Environmental Health. It is my understanding that pretreatment will be required for private sewage disposal on the lot and that is an approval condition we agree to.

We are requesting a variance of Section 26.04.02.04K of COMAR, which requires a minimum 2-acre lot size within 2500 feet of a reservoir. Lot 2 is within 2500 feet of Rocky Gorge Reservoir, but we have no ability to make the lot larger. The lot was platted in 1972, before the 2-acre requirement was in effect. We purchased the lot as platted. We are not creating a new lot; merely trying to establish an approved septic area and well so that the existing lot can be used as intended for a single house, as Lot 1 and Lot 3 have been used for years. No bad soil conditions were encountered during testing, and there is nothing to indicate that a private sewage system using pretreatment would harm the environment.

Thank you for your prompt attention to this request. If you need further information please don't hesitate to contact me, or to contact Shanaberger & Lane at 410-461-9563.

Sincerely,



Robert Burns  
President

NAMLEB CORP  
% UHY ADVISORS  
6851 OAK HALL LANE, Swt 300  
COLUMBIA, MD, 21045

March 1, 2012

Maryland Department of the Environment  
Bureau of Environmental Health  
Well and Septic Program  
Howard County Health Department  
7178 Columbia Gateway Drive  
Columbia, MD 21046  
Attention: Jeffrey Williams, Supervisor, Well & Septic Program

re: variance request  
Lot 2, Lilienfield Property  
Reservoir Road  
F-12-049

Dear Mr. Williams:

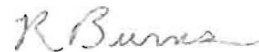
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Sincerely,



Robert Burns  
President



APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS

*Shanaberger & Lane*  
COUNTY HEALTH OFFICER *SH* DATE 4/10/12

APPROVED: FOR PRIVATE WATER AND SEWER SYSTEMS

*Shanaberger & Lane*  
for COUNTY HEALTH OFFICER *SH* DATE 3/31/2016

#### NOTES:

1. TOPOGRAPHY SHOWN WITHIN LOT 2 WAS FIELD RUN BY SHANABERGER & LANE IN JANUARY AND FEBRUARY, 2012. TOPOGRAPHY SHOWN ON ADJOINING PROPERTIES IS HOWARD COUNTY AERIAL TOPOGRAPHY.

2. DESIGNATES EXISTING PRIVATE SEWAGE EASEMENT.

3. DESIGNATES PROPOSED WELL AREA.

4. DESIGNATES PROPOSED PRIVATE SEWAGE EASEMENT.

4. DESIGNATES SOIL TYPE BOUNDARY.

5. DESIGNATES SUCCESSFUL PERC TEST DUG 2/7/12.

5. DESIGNATES PROPOSED HOUSE SITE.

6. DESIGNATES WOODS LINE.

7. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.

8. ALL VISIBLE EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS WITHIN 200' DOWNSLOPE OF THE PROPOSED SITE HAVE BEEN SHOWN. ALL OTHER EXISTING WELLS, SEPTIC SYSTEMS, AND PRIVATE SEWAGE EASEMENTS SHOWN ARE FROM AVAILABLE PUBLIC RECORDS.

9. SOIL TYPES PRESENT ON PROPOSED LOTS:  
(GgB)—GLENELG LOAM 3-8% SLOPES  
(MaC)—MANOR LOAM 8-15% SLOPES  
(MaD)—MANOR LOAM 15-25% SLOPES

10. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

11. ANY CHANGE TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

12. THE WELL MUST BE DRILLED AND THE WELL COMPLETION REPORT RECEIVED BY THE HEALTH DEPARTMENT AND APPROVED PRIOR TO BUILDING PERMIT APPROVAL.

13. A VARIANCE TO THE MINIMUM 2 ACRE LOT SIZE AND 175 FOOT LOT WIDTH REQUIREMENT FOR LOTS WITHIN 2500 FEET OF A RESERVOIR HAS BEEN APPROVED.

14. PRE-TREATMENT WILL BE REQUIRED FOR THE PROPOSED SEPTIC SYSTEM AND THE MAXIMUM NUMBER OF BEDROOMS IS FOUR (4). ADVANCED PRE-TREATMENT USING THE BEST AVAILABLE TECHNOLOGY FOR NITROGEN REDUCTION WILL BE USED, LEADING TO A LOW PRESSURE DOSED SYSTEM AS A CONDITION OF THE VARIANCE APPROVAL.

15. THE LTD SYSTEM DESIGN MUST BE APPROVED BY THE HOWARD COUNTY HEALTH DEPARTMENT BEFORE BUILDING PERMIT APPROVAL.

SHANABERGER & LANE

8726 TOWN & COUNTRY BLVD.  
SUITE 201  
ELICOTT CITY, MD. 21043  
PHONE: 410-461-9563  
FAX: 410-461-9693  
home@shanaberg.com

PERC CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON REFLECTS FIELD WORK DONE BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Shanaberger & Lane*  
C. SCOTT SHANABERGER  
PROFESSIONAL LAND SURVEYOR #10849  
LICENSE EXPIRATION DATE 4/2/2018

D.R.S. & ASSOCIATES  
LAND DESIGN CONSULTANTS

52 WINTERS STREET WESTMINSTER, MARYLAND 21157  
410-848-4060 410-876-6040 F. 410-848-8818



REV 2016-03-16 BY DRS & ASSOCIATES  
PURPOSE OF THIS REVISION IS  
TO REVISE THE PROPOSED HOUSE,  
DRIVEWAY & WELL ZONE

PERC CERTIFICATION PLAN  
LOT 2, BLOCK A  
"PROPERTY OF HENRY J. LILLIENFIELD"


PLAT BOOK 23, FOLIO 73  
5TH ELECTION DISTRICT, HOWARD COUNTY, MD  
TAX MAP 45, GRID 11, PARCEL 42  
ZONED RR-DRO SCALE: 1"=50'  
DATE: 2/3/12 REV: 2/14/12  
REV. 3/20/12, 3/30/2012, 4/2/2012




*Neil J. J...* 4/10/12  
COUNTY HEALTH OFFICER on DATE

1. TOPOGRAPHY SHOWN WITHIN LOT 2 WAS FIELD RUN BY SHANABERGER & LANE IN JANUARY AND FEBRUARY, 2012. TOPOGRAPHY SHOWN ON ADJOINING PROPERTIES IS HOWARD COUNTY AERIAL TOPOGRAPHY.

3. Well DESIGNATES PROPOSED WELL AREA

4.  DESIGNATES PROPOSED PRIVATE SEWAGE EASEMENT.

4. MaD DESIGNATES SOIL TYPE BOUNDARY

5.  DESIGNATES SUCCESSFUL PERC TEST DUG  
2/7/12


5. ☐ DESIGNATES PROPOSED HOUSE SITE

6.  DESIGNATES WOODS LINE

7. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.

8. ALL VISIBLE EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE BEEN SHOWN. ALL OTHER EXISTING WELLS, SEPTIC SYSTEMS, AND PRIVATE SEWAGE EASEMENTS SHOWN ARE FROM AVAILABLE PUBLIC RECORDS.

9. SOIL TYPES PRESENT ON PROPOSED LOTS:  
(GgB)---GLENELG LOAM 3-8% SLOPES  
(MaC)---MANOR LOAM 8-15% SLOPES  
(MaD)---MANOR LOAM 15-25% SLOPES

10.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.00.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECDORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

11. ANY CHANGE TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

12. THE WELL MUST BE DRILLED AND THE WELL COMPLETION REPORT RECEIVED BY THE HEALTH DEPARTMENT AND APPROVED PRIOR TO BUILDING PERMIT APPROVAL.


13. A VARIANCE TO THE MINIMUM 2 ARCE LOT SIZE AND 175 FOOT LOT WIDTH REQUIREMENT FOR LOTS WITHIN 2500 FEET OF A RESERVOIR HAS BEEN APPROVED.

4. PRE-TREATMENT WILL BE REQUIRED FOR THE PROPOSED SEPTIC SYSTEM AND THE MAXIMUM NUMBER OF BEDROOMS IS FOUR (4). ADVANCED PRE-TREATMENT USING THE BEST AVAILABLE TECHNOLOGY FOR NITROGEN REDUCTION WILL BE USED, LEADING TO A LOW PRESSURE DOSED SYSTEM AS A CONDITION OF THE VARIANCE APPROVAL.

5. THE LPD SYSTEM DESIGN MUST BE APPROVED BY THE HOWARD COUNT HEALTH DEPARTMENT BEFORE BUILDING PERMIT APPROVAL.

8726 TOWN & COUNTRY BLVD.  
SUITE 201  
ELLCOTT CITY, MD. 21043  
PHONE: 410-461-9563  
FAX: 410-461-9693  
home@shanlane.com

PERC CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN  
HEREON REFLECTS FIELD WORK DONE BY ME OR UNDER MY DIRECT  
SUPERVISION AND IS CORRECT TO THE BEST OF MY PROFESSIONAL  
KNOWLEDGE AND BELIEF.

  
G. SCOTT SHANABERGER  
PROFESSIONAL LAND SURVEYOR #10849  
LICENSE EXPIRATION DATE 4/2/2012

PERC CERTIFICATION PLAT  
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LILLIENFIELD"  
PLAT BOOK 23, FOLIO 73  
5TH ELECTION DISTRICT, HOWARD COUNTY, MD  
TAX MAP 45, GRID 11, PARCEL 42  
ZONED R-DEO SCALE: 1"=50'  
DATE: 2/9/12 REV: 2/14/12  
REV. 3/20/12, 3/30/2012, 4/2/2012

0902PercCert.dwg

Superseded by Perc Cert 3/31/16










LOT 1 BEAUFORT ESTATES, PLAT #9616  
PARCEL 14, ZONED RR-DEO

LOT 3, McFARLAND PROPERTY  
PLAT# 20041

LOT 2  
McFARLAND PROPERTY  
PLAT NUMBER 3866  
PARCEL 58  
ZONED RR-DEO

**NOTES:**

1. TOPOGRAPHY SHOWN IS HOWARD COUNTY AERIAL TOPOGRAPHY.
2.  DESIGNATES EXISTING PRIVATE SEWAGE EASEMENT.
3.  DESIGNATES PROPOSED PRIVATE SEWAGE EASEMENT.
4.  DESIGNATES SOIL TYPE BOUNDARY
5.  DESIGNATES PROPOSED HOUSE SITE
6.  DESIGNATES WOODS LINE
7. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
8. ALL EXISTING PRIVATE SEWAGE EASEMENTS SHOWN ARE FROM AVAILABLE RECORDS.
9. SOIL TYPES PRESENT ON PROPOSED LOTS:  
(GgB)----GLENELG LOAM 3--8% SLOPES  
(MaC)----MANOR LOAM 8--15% SLOPES  
(MaD)----MANOR LOAM 15--25% SLOPES
10. BEARINGS, DISTANCES, AND ACREAGE SHOWN HEREON ARE FROM CURRENT TITLE DEED AND RECORDED PLAT.

SHANABERGER &amp; LANE

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ELLCOTT CITY, MD. 21043  
PHONE: 410-461-9563  
FAX: 410-461-9693

PERC TEST PLAN

LOT 2, BLOCK A  
"PROPERTY OF  
HENRY J. LILLIENFIELD"  
PLAT BOOK 23, FOLIO 73

5TH ELECTION DISTRICT, HOWARD COUNTY, MD  
TAX MAP 45, GRID 11, PARCEL 42  
ZONED RR-DEO  
SCALE: 1"=50' DATE: 1/23/2012