



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

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 _____ 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) ~~BARROW FAMILY, LLC~~ Michael + Erin Payne

DAYTIME PHONE (240) 278-3506 CELL _____ FAX _____

MAILING ADDRESS 12545 Indian Hill Dr. Sykesville MD 21784
STREET CITY/TOWN STATE ZIP

APPLICANT Michael + Erin Payne

DAYTIME PHONE (240) 456-0195 CELL (240) 278-3506 FAX (240) 456-0203

MAILING ADDRESS 12545 Indian Hill Drive Sykesville MD 21784
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME N/A LOT NO. N/A

PROPERTY ADDRESS BARBERRY WAY SYKESVILLE, MD
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 9 GRID 19 PARCEL(S) 359 PROPOSED LOT SIZE 3,044 AC

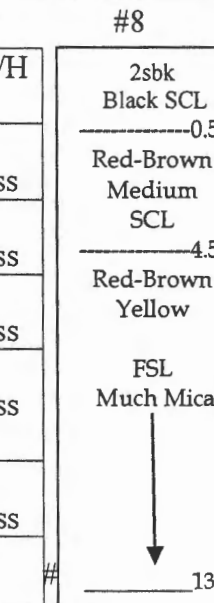
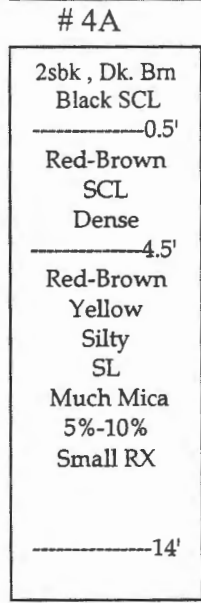
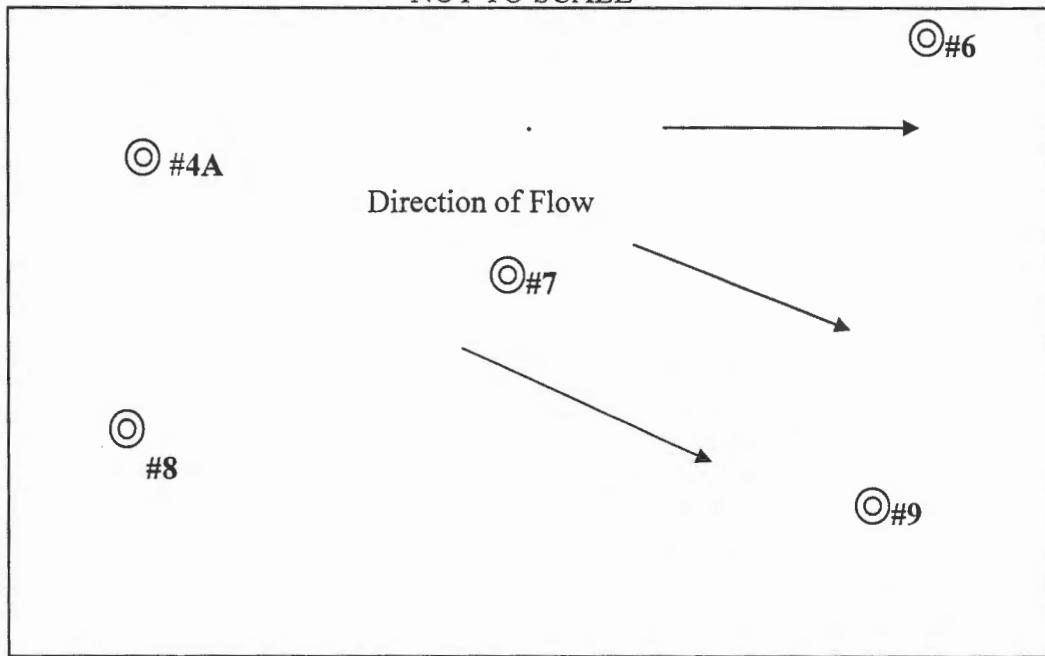
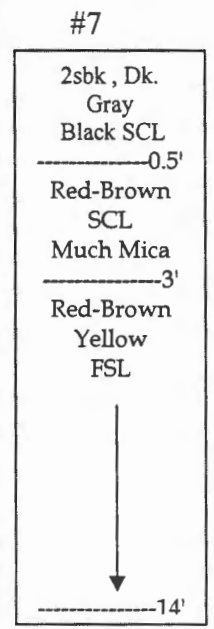
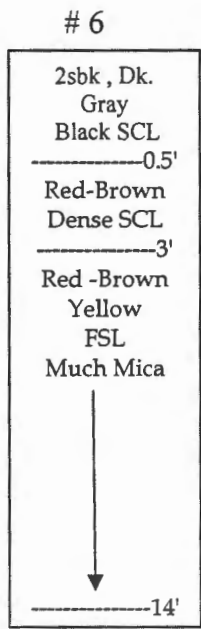
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A.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

TEST RESULTS WILL BE MAILED TO APPLICANT. Michael Payne
SIGNATURE OF APPLICANT

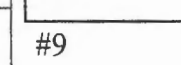
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
1718 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A 537345 Percolation Information- Barrow Property Parcel 359

NOT TO SCALE



| Date | Test | Depth | Start | Break 1" Drop | Break 2" Drop | Time of 2 nd Inch | P/F/H |
|---------|------|---------|--------|---------------|---------------|------------------------------|-------|
| 4-24-13 | 6 | 4.5 /14 | 10:11 | 10:13 | 10:17 | 4 min. | Pass |
| 4-24-13 | 4A | 5 /14 | 9:44 | 9:58 | 10:15 | 17 min. | Pass |
| 4-24-13 | 7 | 14 | Visual | Pass | | | Pass |
| 4-24-13 | 8 | 5/ 12 | 9:52 | 9:54 | 11:58 | 4 min. | Pass |
| 4-24-13 | 9 | 4/ 14 | 10:07 | 10:12 | 10:20 | 8 min. | Pass |
| | | | | | | | |
| | | | | | | | |



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

Sanitarian: D. Bernard Backhoe: Jeremy Others:

Test Holes Used in 5 in SDA Avg. Perc Time 8min. SQ.FT/BR

Trench Width 3' Inlet Depth 3' Max Bot.Depth 5' Effective S/W 2



Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

Main: 410-313-2640 | Fax: 410-313-2648

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

Date: May 6, 2013

To: Mr. and Mrs. Michael and Erin Payne
12545 Indian Hill Drive
Sykesville, Maryland 21784

RE: **Percolation Testing Report
Barberry Way, Parcel 359 and 77**

Mr. and Mrs. Payne,

Percolation testing was conducted on the referenced property on April, 24, 2013. The purpose for conducting these percolation tests was for an anticipated establishment of two (2) new sewage disposal areas.

A total of eleven (11) test holes were evaluated and nine (9) were found to be satisfactory with moderate percolation rates. Two (2) test holes were unacceptable due to slow percolation rates and excessive amounts of rock. Acceptable ranges for recommended inlet and trench bottom depth may be confirmed at the time of installation. Field data collected is shown on the Percolation Test Worksheet enclosed with this letter.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drain field and two repair drain fields for the planned residence. And as of January 1, 2013, all new septic installation must be installed with the "Best Available Technology".

The next step in this process is to have your engineer/architect 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

A handwritten signature in cursive script that reads 'Dana Bernard'.

Dana Bernard, REHS/RS
Environmental Sanitarian II
Well and Septic Program

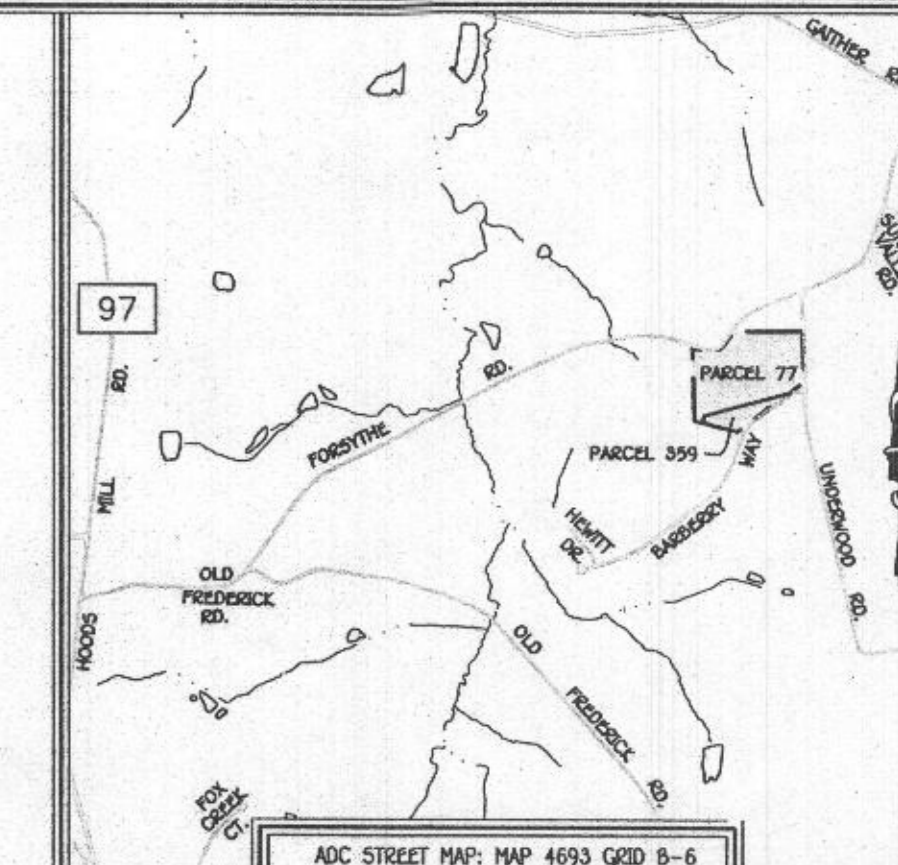
Enclosures (2)

Cc: File

Engineer: Stephanie Tuite

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- ⊙ 2A DENOTES PASSED PERC HOLE
- ⊙ 3A DENOTES FAILED PERC HOLE
- 1 DENOTES A PERC HOLE NOT DUG
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE



VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE 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 ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDED OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY CONDUCTED BY FISHER, COLLINS & CARTER, INC. IN MAY 2013. OFF-SITE AND AREAS OUTSIDE THE LIMITS OF FIELD TOPOGRAPHY ARE BASED ON HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL.
7. BOUNDARY OUTLINE BASED ON A FIELD RUN MONUMENTED SURVEY CONDUCTED BY FISHER, COLLINS & CARTER, INC. IN MAY 2013.
8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. DEED REFERENCES: LIBER 14636, FOLIO 375 & LIBER 14636, FOLIO 357 (PARCEL 77), LIBER 14636, FOLIO 383 (PARCEL 359).

TAX MAP 9, PARCEL 77
M&O PROPERTIES, LLC
LIBER 14636, FOLIO 357
18.5611 AC± BY DEED

AS NOW SURVEYED:
802,416 Sq.Ft.±
18.421 Acres±

TAX MAP 9, PARCEL 359
M&O PROPERTIES, LLC
LIBER 14636, FOLIO 383
30,044 AC± BY DEED

AS NOW SURVEYED:
183,468 Sq.Ft.±
3,064 Acres±

PERC CERTIFICATION
I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.
August W. Gass 5/29/13 Date
Signature of Professional Land Surveyor
August W. Gass, Professional Land Surveyor No. 21514 Expires 7/14/13

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Raymond M. Morgan 6/4/2013 DATE
COUNTY HEALTH OFFICER

SOILS LEGEND

| SOIL | NAME | CLASS |
|------|-------------------------------------|-------|
| GgB | Glenely loam, 3 to 8 percent slopes | B |

**PERC CERTIFICATION PLAN
M&O PROPERTIES**

TAX MAP #9 GRID #19 PARCELS: 77 & 359
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=60' DATE: MAY 29, 2013

OWNER (PARCEL 77) OWNER (PARCEL 359)
M&O PROPERTIES, LLC MICHAEL & ERIN PAYNE
12545 INDIAN HILL DRIVE 12545 INDIAN HILL DRIVE
SYKESVILLE, MARYLAND 21784 SYKESVILLE, MARYLAND 21784
(410) 489-4596 (240) 278-3506

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CORONAL SQUARE OFFICE: P.O. BOX 10072, BALTIMORE NATIONAL FIRE
ELLSWORTH CITY, MARYLAND 21042
(410) 461-2000