

C1 5098

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER Woodbine Crossing Road TOWN Lisbon

WELL LOG Not required for driven wells

GROUTING RECORD WELL HAS BEEN GROUTED

C3 PUMPING TEST

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

TYPE OF GROUTING MATERIAL (Circle one)

HOURS PUMPED (nearest hour)

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries like Top Soil mica, Brown mica, Tan mica, etc.

CEMENT CM BENTONITE CLAY BC NO. OF BAGS 27 NO. OF POUNDS 2100

PUMPING RATE (gal. per min.)

CASING RECORD casing types insert appropriate code below

METHOD USED TO MEASURE PUMPING RATE

MAIN CASING TYPE Nominal diameter top (main) casing

WATER LEVEL (distance from land surface)

OTHER CASING (if used) diameter inch depth (feet) from to

BEFORE PUMPING

SCREEN RECORD screen type or open hole

WHEN PUMPING

NUMBER OF UNSUCCESSFUL WELLS:

C2 DEPTH (nearest ft.)

TYPE OF PUMP USED (for test)

WELL HYDROFRACTURED

DEPTH (nearest ft.)

TYPE OF PUMP USED (for test)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED

DEPTH (nearest ft.)

TYPE OF PUMP USED (for test)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04

DEPTH (nearest ft.)

TYPE OF PUMP USED (for test)

DRILLERS LIC. NO. DRILLERS SIGNATURE

DEPTH (nearest ft.)

TYPE OF PUMP USED (for test)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework)

DEPTH (nearest ft.)

TYPE OF PUMP USED (for test)

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B 1 3220

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

526270 please type

40-95-1068 fill in this form completely

Date Received (APA) 3/7/07

OWNER INFORMATION 10517

Lee Development Group Inc 8601 Georgia Ave, Suite 200 Silver Spring, Md 20910

B 3 LOCATION OF WELL

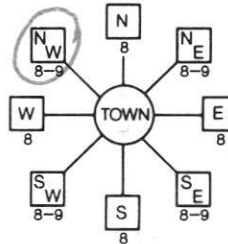
Howard 8 COUNTY Woodbine Crossing 23 SUBDIVISION SECTION 44 46 LOT 5 48 50 Lisbon 52 NEAREST TOWN

DRILLER INFORMATION

George F. Easterday M WD 040 Driller's Name L. Franklin Easterday, Inc. 9265 Brown Church Rd., MT. Airy, Md. 21771

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Woodbine Crossing Road 11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST EAST SOUTH

200 34 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39

B 2 WELL INFORMATION APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) A 5200 78 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 4/23/07 CO SIGNATURE EXP. DATE 4/23/08 NORTH GRID 553 000 EAST GRID 0779 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER 402006G_014

PERMIT No. 40-95-1068

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. wells 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 770 9 N 5503

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

not 1066

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648
313-1771

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: ATLANTIC BLUE LLC Telephone #: (410) 840-8112
Address: 75 ALLEYON CT, STE 7
WESTMINSTER, MD 21157

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): MARK MATHEW License# 63797

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: MITCHELL HOMES Telephone #: 410-442-2211
Subdivision: Woodbine Crossing Lot #: 5 Well Tag #: HO-94-1068
Site Address: 727 Woodbine Crossing
Mt Airy, MD 21771 95

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: J-CLASS Make: Campbell Two piece watertight cap: ✓
Model #: 1035154-2W Model#: _____ Screened, vented well cap: ✓
Pump Capacity 10 GPM Depth: 42" (36" min) Cap secured to casing: ✓
Well Yield: 3 GPM NSF approved: ✓ Conduit min 18" B.G.: ✓
Depth of well encountered at time of pump installation: 300 (feet) Conduit secured to well cap: ✓
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt _____

Piping to house House Connection
Type: polyethylene PVC sleeved to undisturbed soil at wall penetration: YES
PSI: 160 (160 psi min) Approximate length of sleeve: 2 ft
Depth of supply line: 42 (36" min) Sleeve caulked and sealed properly: YES

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Mark Mathew 1/7/16
Signature of company representative responsible for installation date

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 1/11/16 Date Insp. Approved: 1/11/16 SC
Inspection Data: Pitless adapter and water supply line at least 36" below grade ✓
Two piece cap installed and attached to casing securely ✓
Elec. conduit extends at least 18" below grade/attached to cap properly ✓
Safety rope installed inside of well casing ✓
Correct well tag attached properly and casing 8" above finished grade ✓
Water supply line sleeved adequately at house connection ✓
Adequate grout observed below pitless adapter ✓

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #: 106013 Account #: 1045
Reference: Catonsville Homes Lot 5 Company: Atlantic Blue Water Services
Location: 727 Woodbine Crossing Requested By: Mark Mather
Mount Airy, MD 21771 Source: Well Water
Date/ Time Collected: 3/7/2016 1130 Site: 1st Floor Bathroom
Date/Time Rec'd: 3/7/2016 1545 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 6.3
Collected By: M. Mather 3480MM Well #: HO-95-1068

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	4.2	MPN/ 100 ml	<1.0	SM18 9223	3/8/2016 / 1030 / CCH
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	3/8/2016 / 1030 / CCH
Nitrate	6.78	mg/L	10	601	3/8/2016 / 1115 / CCH
Turbidity	6.36	NTU	<10	SM18 2130B	3/8/2016 / 0900 / CCH
Sand	NS	mg/L	5	Visual/Gravimetric	3/8/2016 / 0900 / CCH

NOTES

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NS = None Seen (NS indicates less than 5 mg/L)
- 4 NTU = Nephelometric Turbidity Units
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 ND:None Detected
- 7 Sample collected by client, analyzed as received
- 8 pH and Chlorine level tested in lab

Reason for Test : Use & Occupancy

Building Permit # : 15003911

Date Reported: 3/8/2016

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #: 106216 Account #: 1045
Reference: Catonsville Homes Lot 5 Company: Atlantic Blue Water Services
Location: 727 Woodbine Crossing Requested By: Mark Mather
Mount Airy, MD 21771 Source: Well Water
Date/ Time Collected: 3/18/2016 0916 Site: Boiler Tap on Well Tank
Date/Time Rec'd: 3/18/2016 1406 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 6.6
Collected By: T. Aronhalt 2662TA Well #: HO-95-1068

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	3/19/2016 / 0830 / CCH
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	3/19/2016 / 0830 / CCH

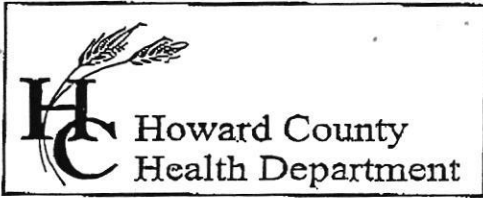
NOTES

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 3 ND:None Detected
- 4 Sample collected by client, analyzed as received
- 5 pH tested on site; Chlorine level tested in lab

Reason for Test : Use & Occupancy

Building Permit # : 15003911

Date Reported: 3/21/2016



7178 Columbia 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

Penny E. Borenstein, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

Well Site Location:	Parcel A	
<u>Wadbine Crossing</u>	<u>1-15</u>	<u>Woodbine Crossing Road</u>
Subdivision/Property Name	Lot#	Road Name

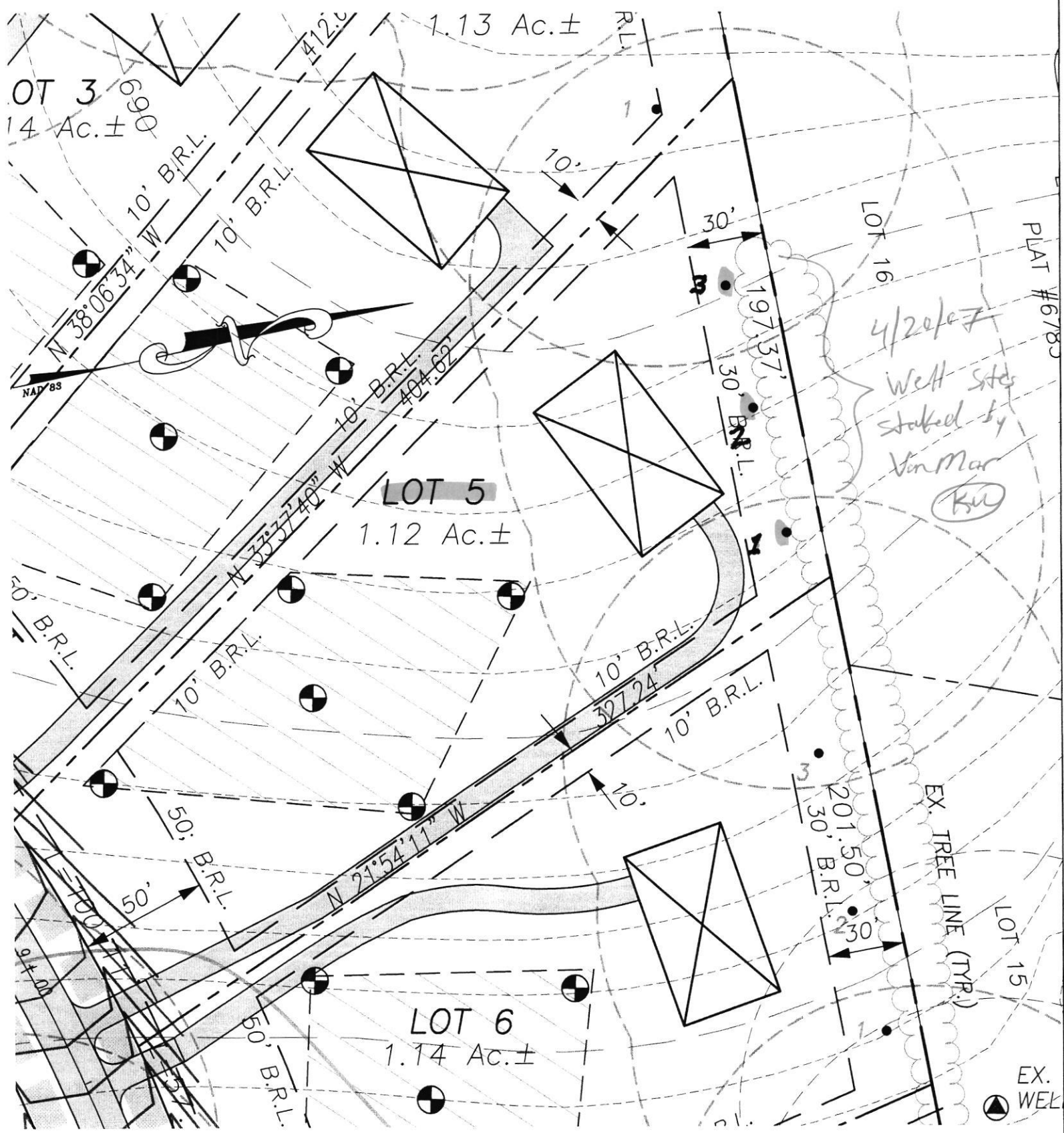
The well site has been staked by VAN MAR,
 (professional land surveyor or company employing professional land surveyors)
 on Week of 3-5-07 (date) and does not require a site inspection.

The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 3/11/05

E. Steuland
 301-829-1640



THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL.

MOVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS. GRANTING OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

WELL SITE PLAN LOT 5

WOODBINE CROSSING

(FORMERLY PATAPSCO OVERLOOK
—SECTION FOUR)

PART OF LANDS CONVEYED TO LDG INC. BY DEED
RECORDED IN LIBER 1988 FOLIO 258
TAX MAP 2, GRID 24, PARCEL 32
SITUATED ON WOODBINE ROAD & OLD FREDERICK ROAD
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' APRIL, 2007

- PROPOSED PERCOLATION TEST SITE:
- EXISTING PERCOLATION TEST SITE:
- EXISTING WELL:
- PROPOSED HOUSE SITE:
- PROPOSED WELL SITE:



VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street P.O. box 328 Mount Airy, Maryland 21771