

B 1	SEQUENCE NO. (MDE USE ONLY) 47520	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 560524	STATE PERMIT NUMBER HO-17-0022 <small>70 fill in this form completely 79</small>
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OWNER INFORMATION

Date Received (APA) **02/01/17** 13326

8 MM DD YY 13

PIORKOWSKI JOHN

15 Last Name Owner First Name 34

587 W. WATERSVILLE ROAD

36 Street or RFD 55

MT AIRY MD 21774

57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL CC#

Howard

8 COUNTY 21

Wood Camp Farms

23 SUBDIVISION 42

SECTION **44 46** LOT **25** 48 50

Mt Airy

52 NEAREST TOWN 71

DRILLER INFORMATION

George F. Easterday M W D 040

Driller's Name 76 License No. 81

L. Franklin Easterday, Inc.

Firm Name

9265 Brown Church Rd., Mt. Airy, Md. 21771

Address

George F. Easterday 1/27/2017

Signature Date

B 4 SOURCES OF DRILLING WATER

1. **Hardy Road**

11 STREET ADDRESS 30

2. wells

3.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH WEST EAST SOUTH

34 500 37

DISTANCE FROM ROAD FT. 38 39

ENTER FT OR MI

TAX MAP: **6** BLK: **6** PARCEL **485**

B 2 WELL INFORMATION

1 2 APPROX. PUMPING RATE (GAL. PER MIN.) **6** 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500** 14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD 13

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S → 41

DATE ISSUED **02/10/17** **02/10/18**

43 MM DD YY 48 CO SIGNATURE EXP. DATE

DON: 3/23/17 (SC) DOG: 3/24/17 (SC) DOY: 3/28/17 (SC)

USE FOR WATER (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

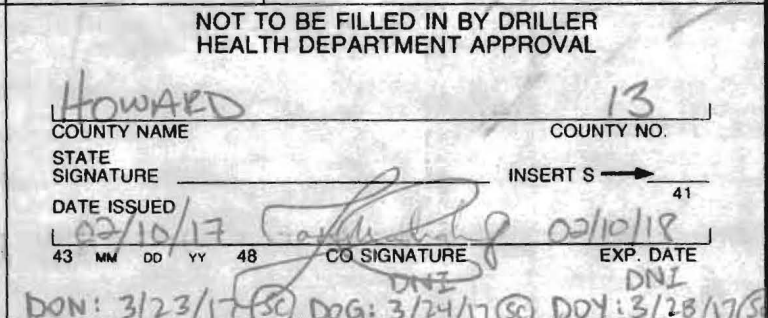
INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

OPEN LOOP GEOTHERMAL

CLOSED LOOP GEOTHERMAL



APPROXIMATE DEPTH OF WELL **300** FEET 24 28

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) **JETTED** Jetted & **DRIVEN**

30 **AIR-ROTary** AIR-PERCussion **ROTARY** (Hydraulic Rotary)

37 **CABLE** **REVerse-ROTary** **DRive-POINT**

other _____

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

39 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 DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

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

APPROP. PERMIT NUMBER _____ **G** _____

PERMIT No. **HO-17-0022**

70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Pursuant to § 10-624 of the State Govt. Article of the Maryland Code, personal info requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or State Law.

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WELL & SEPTIC PROGRAM
TEL: (410)313-1771 FAX: (410)313-2648**

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: WTC III Telephone #: 443 398 1782
Address: 1820 Gillis Falls Rd
Woodbine MD

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): William T. Cumberland License# 1979
***A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.**

Name of Property Owner: ~~Steve~~ John Piorowski Telephone #: _____
Subdivision: _____ Lot #: 25 Well Tag #: HO -
Site Address: 17741 Hardy Rd

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Grunfos</u>	Make: <u>Herward</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: _____	Model#: _____	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity <u>36PM</u> GPM	Depth: <u>50</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>4</u> GPM	NSF/WSC approved: _____	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>290</u> (feet)	Conduit secured to well cap: <input checked="" type="checkbox"/>	

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors, Cable guards, or other acceptable method used- Must circle one
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>Poly</u>	PVC sleeve to undisturbed soil at wall penetration: <u>yes</u>
PSI: <u>160</u> (160 psi min)	Length of sleeve(5' minimum from foundation): <u>6' +</u>
Depth of supply line: <u>50"</u> (36" min)	Sleeve sealed properly: <u>yes</u>

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.

Signature of company representative responsible for installation: [Signature] date: June 29 2018

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

Date Insp. Requested: 5/14/18 Date Insp. Approved: 5/14/18 Inspector: SC
Inspection Data: Pitless adapter watertight & 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 not outside of well cap/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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – JANUARY 3, 2019, 2018

July 3, 2018

Homeowner
17741 Hardy Road
Mt. Airy, MD 21771

**RE: Woodcamp Farms, Lot 25
17741 Hardy Road
Building Permit: B17002571
Well Permit: HO-17-0022**

Dear Homeowner:

This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on **4/5/2018**. Final approval of the well line connection to the dwelling was granted on **5/14/2018**. The well construction was completed on **3/28/2017**. Water samples were collected on **6/15/2018, 6/25/2018**.

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-17-0022. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will be issued. **Failure to submit an additional sample and obtain a Final Certificate of Potability will result in a Notice of Violation and is punishable as a misdemeanor under the *Annotated Code of Maryland, Environment Article, 9-1311*, subject to a fine of up to \$500 or imprisonment not to exceed three months.**

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:

<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

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

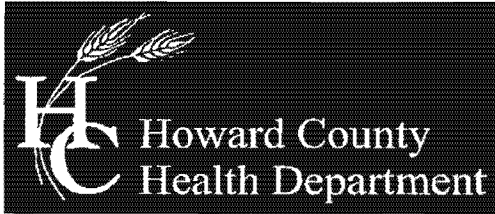
In closing, please refer to our "[Homeowner Fact Sheet](#)" which illustrates a better understanding for your Onsite Sewage Disposal System. You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your septic system.

Approving Authority,

A handwritten signature in black ink, appearing to read 'Kevin M. Wolf', is written over a horizontal line.

Kevin M. Wolf, LEHS, R.S./REHS, Supervisor
Groundwater Management Section
Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits
Community Hygiene Program
File



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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

Dr. Maura J. Rossman, M.D., 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:

Woodcamp Farms 25 Hardy Road
Subdivision/Property Name Lot # Road Name

The well site has been staked by VANMAR ASSOCIATES
(professional land surveyor or company employing professional land surveyors)
on 2/9/2017 (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.



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(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

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Revised 6/10/03

Hardy Rd
LOT 25 WOODCAMP FARMS
JOHN PIORKOWSKI

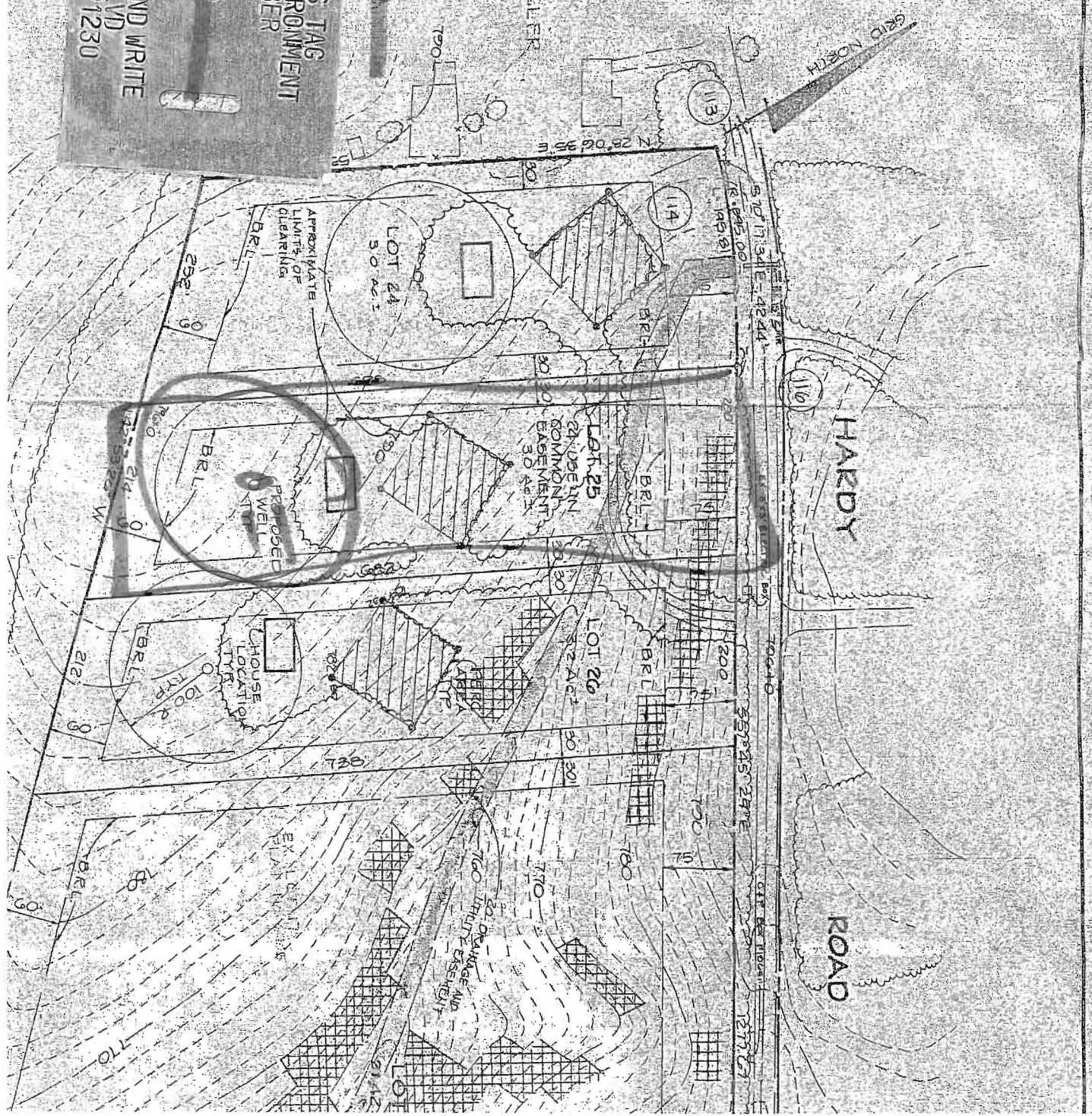
LOT NOT STAKED
By 2/3/17 @
2/6/17 @
See updated form

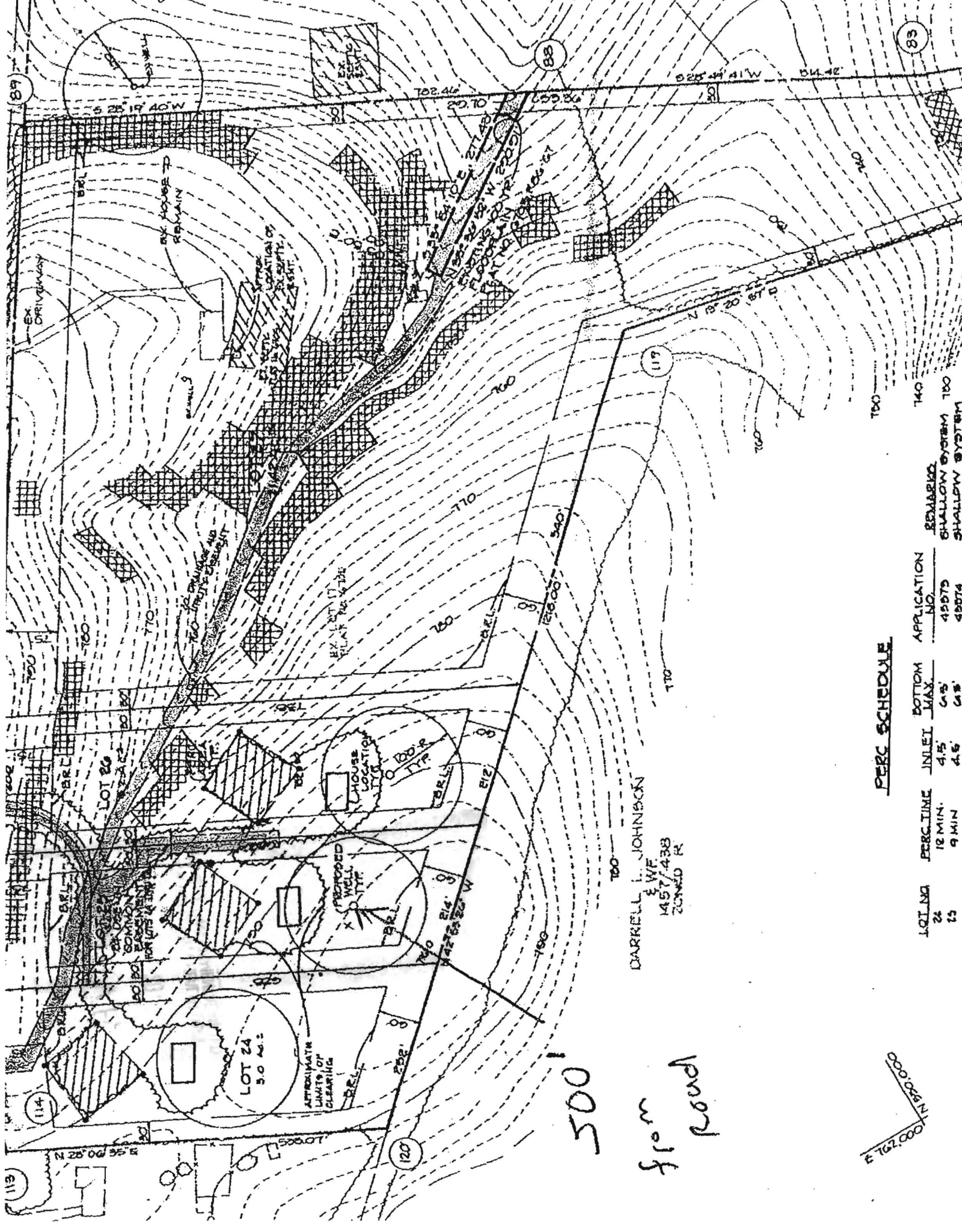
DO NOT REMOVE THIS TAG
 DEPARTMENT OF THE ENVIRONMENT
 WELL PERMIT NUMBER
 HO-17-0022

INFORMATION-GIVE NUMBER AND WRITE
 1800 WASHINGTON BLVD
 BALTIMORE MARYLAND 21230

Approved
 10/12/017

DAVIN R. MUELLER
 445/274
 ANNE AR





DARRELL L. JOHNSON
 E WF
 1457/438
 ZONED R

500
 from pond

PERC SCHEDULE

LOT NO	PERC TIME	INLET	BOTTOM	APPLICATION
			MAX.	
24	12 MIN.	4.5'	6"	REBARBED SHALLOW SYSTEM
25	9 MIN	4.5'	6"	45875 SHALLOW SYSTEM 45874 SHALLOW SYSTEM

1:50,000
 1:100,000



Certificate of Analysis

Acct. No. 11724 - 2-1

Field Record

Site visit performed on: Friday, June 15, 2018 11:05 AM
by: Ronald Demory State ID No. 8072RD
Affiliation: Fredericktowne Labs, Inc.
Property Owner: John Piorkowski
Property Address: 17741 Hardy Road
Mt. Airy, MD 21771
Sample Source: Bathroom Sink
Treatment Devices Noted: No Treatment Devices
Well No.: HO-17-0022
Field pH: 6.6
Free Res. Cl.: <0.1 mg/l
Temp: 13.2° C

Laboratory Report

Sample Received at laboratory: 6/15/2018 1:35 PM

Bacteriological results:

<u>Total Colif. (/100ml)</u>	<u>E.coli. (/100ml)</u>	<u>Start</u>		<u>End</u>		<u>Method</u>	<u>Analyst</u>
		<u>Date</u>	<u>Time</u>	<u>Date</u>	<u>Time</u>		
14	<1	06/15/18	14:13	06/16/18	11:58	9223B	KMW

**Bacteriological analysis of this sample indicates the water is unsafe for human consumption.
Analysis was performed according to the 20th edition of Standard Methods**

Inorganic Chemical results:

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MCL</u>	<u>Date of Analysis</u>	<u>Method</u>	<u>Analyst</u>
Nitrate-Nitrogen	1.8 mg/l		10	6/16/2018	300.0	PH
Sand	<2 mg/l		5	6/19/2018	0.065mmFilter	JD
Turbidity	1.9 NTU'		<10	6/15/2018	180.1	KB

Reported by:

Toller Mellott 6/20/18
Name Date

Fredericktowne Labs, Inc. is a State Certified Water Quality Laboratory
Maryland Cert. No. 116 Virginia Cert. No. 00444
MDOT WBE Cert. No.: 91-158



Certificate of Analysis

Acct. No. 11724 - 2-2

Field Record

Site visit performed on: Monday, June 25, 2018 8:50 AM
by: Wayne Dunkley State ID No. 4362WD
Affiliation: Fredericktowne Labs, Inc.

Property Owner: John Piorkowski
Property Address: 17741 Hardy Road
Mt. Airy, MD 21771

Sample Source: Bathroom Sink

Well No.: HO-17-0022

Field pH: 5.7

Free Res. Cl.: <0.1 mg/l

Temp: 14.7° C

Treatment Device?

Laboratory Report

Sample Received at laboratory: 6/25/2018 1:50 PM

Bacteriological results:

Total Colif. (/100ml)	E.coli.(/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
<1	<1	06/25/18	14:14	06/26/18	14:21	9223B	JD

Bacteriological analysis of this sample indicates the water is safe for human consumption and meets federal, state and local requirements. Analysis was performed according to the 20th edition of Standard Methods

Reported by: Cristy Phelps 6/26/18
Name Date

Fredericktowne Labs, Inc. is a State Certified Water Quality Laboratory
Maryland Cert. No. 116 Virginia Cert. No. 00444
MDOT WBE Cert. No.: 91-158



Bureau of Environmental Health

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www.hchealth.org

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

MEMORANDUM

DATE: March 24, 2017

TO: John Piorkowski

FROM: Sarah Collins, L.E.H.S. *SEC*
Howard County Health Department

RE: Woodcamp Farms Lot 25 well drilling

The Health Department released the well permit, #HO-17-0022, to L.F. Easterday for Woodcamp Farms lot 25 on Hardy Road on 2/10/17 with one approved well site. The well site had been staked in the field by Vanmar Associates on 2/9/17 and the stake was confirmed by the Health Department prior to permit release.

L.F. Easterday, Inc. notified the Health Department that they would begin drilling at Woodcamp Farms Lot 25 on Hardy Road on 3/23/17. L.F. Easterday, Inc. did not drill at the approved location that was staked in the field. During a site visit on 3/23/17 around 11am, the Health Department saw that they began drilling 26' west of the approved site stake. L.F. Easterday said that they could not drill at the approved location due to tree removal and unstable ground around the stake.

Per *Code of Maryland Regulations (COMAR) 26.04.04.13(A)(1)*, a well driller may relocate during construction due to a well construction problem if the new site meets requirements of *COMAR* and the Health Department. The site where L.F. Easterday drilled does not appear to infringe on any required setbacks to septic systems, property lines, or roads as described in *COMAR 26.04.04.04*. However, there is a possibility that the well will be less than the required 30' to the proposed building on the property.

Prior to approval of the completion report for the well #HO-17-0022, the Health Department must receive a revised well exhibit showing the field-located well drilled by L.F. Easterday. The well exhibit must show the location of the proposed structure and any proposed structures within 30' of the property lines; all existing and proposed wells and water lines on the property and within 100' of the property lines; all existing and proposed septic systems, reserve areas, and building sewer lines on the property and within 100' of the property line; and elevations and 2' contour lines. The engineer must include a statement to show that the well was field located.

Feel free to contact me with any questions at 410-313-6287 or SCollins@howardcountymd.gov.

Cc: File