

C1 26503

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER 545126-A

ST/CO USE ONLY DATE Received MM DD YY 10 30 13

DATE WELL COMPLETED MM DD YY 10 29 13

Depth of Well 22 225 26 3/6/2014

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-2582

OWNER: Heritage Realty & Land Develop last name Green BRIDGE pt first name TOWN Dayton MD SUBDIVISION TALL TREES SECTION LOT 2

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sandy, Sandstone, MICKA, and Sandstone MICKA.

GROUTING RECORD form with fields for YES/NO, TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form with fields for casing types (ST, CO, PL, OT), MAIN CASING TYPE (PL), Nominal diameter (6), Total depth (40).

OTHER CASING (if used) form with fields for diameter and depth.

SCREEN RECORD form with fields for screen type (ST, BR, HO, PL, OT) and screen diameter.

PUMPING TEST form with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED (S).

NUMBER OF UNSUCCESSFUL WELLS: I WELL HYDROFRACTURED: YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER: A (abandoned), E (electric log), P (test well converted).

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. MSD 112 DRILLERS SIGNATURE (Must match signature on application) LIC. NO. D

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with columns for depth intervals (1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16, 17-18, 19-20, 21-22, 23-24, 25-26, 27-28, 29-30, 31-32, 33-34, 35-36, 37-38, 39-40, 41-42, 43-44, 45-46, 47-48, 49-50, 51-52, 53-54, 55-56, 57-58, 59-60, 61-62, 63-64, 65-66, 67-68, 69-70, 71-72, 73-74, 75-76).

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q LOG INDICATOR OTHER DATA

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP (YES/NO), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE (31-35), PUMP HORSE POWER (37-41), PUMP COLUMN LENGTH (43-47), CASING HEIGHT (above/below land surface).

LATITUDE 39.21973 LONGITUDE 77.00359 (DEFAULT COORD. WGS 84)

NOTES:

**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: Robert L. Feezer Co. Telephone #: 410-781-4655
Address: 6321 Barnett Avenue
Sykesville, MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Joshua Henricks License# PI0173

***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: JMB Homes Telephone #: 240-372-3571
Subdivision: Tall Trees Lot #: 2 Well Tag #: HO - 95 - 2582 2
Site Address: 5513 Green Bridge Road
Dayton, MD 21036

Submersible Pump Data

Make: Berkeley
Model #: B7P4MS07221
Pump Capacity 7 GPM
Well Yield: 6.0 GPM

Pitless Adapter

Make: Boshart
Model#: P-100-SS
Depth: 42" (36" min)
NSF/WSC approved: Yes

Well Cap and Electric Conduit

Two piece watertight cap: Yes
Screened, vented well cap: Yes
Cap secured to casing: Yes
Conduit min 18" B.G.: Yes
Conduit secured to well cap: Yes

Depth of well encountered at time of pump installation: 225 (feet)
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 N/A

Piping to house

Type: Poly
PSI: 200 (160 psi min)
Depth of supply line: 42" (36" min)

House Connection

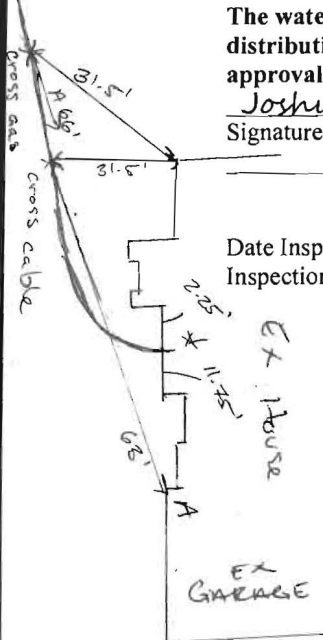
PVC sleeve to undisturbed soil at wall penetration: Yes
Length of sleeve(5' minimum from foundation): 10'
Sleeve sealed properly: Yes

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.

Joshua Henricks March 9, 2017
Signature of company representative responsible for installation date

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

Date Insp. Requested: 06/29/2017 Date Insp. Approved: 06/29/2017 Inspector: JH
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade 38" 06/29/2017 JH
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly 23" 06/29/2017 JH
Safety rope not outside of well cap/casing
Correct well tag attached properly and casing 8" above finished grade 28" 06/29/2017 JH
Water supply line sleeved adequately at house connection 9' 06/29/2017 JH
Adequate grout observed below pitless adapter





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

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

TO ALL INTERESTED PARTIES

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

Well Site Location:

<u>Tall Trees</u>	<u>2</u>	<u>Green Bridge Road</u>
Subdivision/Property Name	Lot #	Road Name

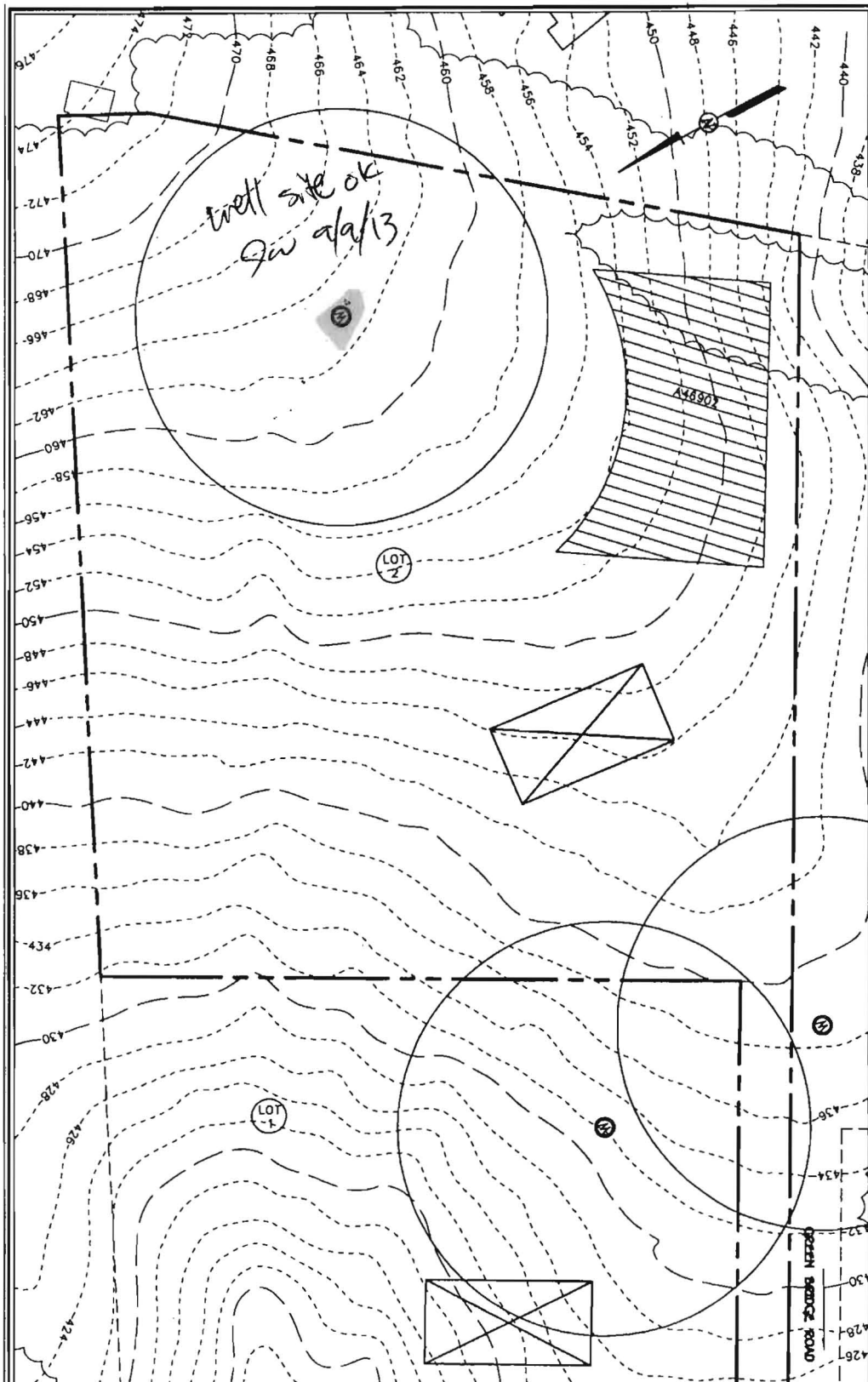
The well site has been staked by Fisher, Collins & Carter,
(professional land surveyor or company employing professional land surveyors)
on 08/06/13 (date) and does not require a site inspection.

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 3/11/07

K:\SDSKPROJ\30388.dwg Well Exhibit Lot 2.dwg, Model, 8/14/2013 11:03:03 AM, 1:80

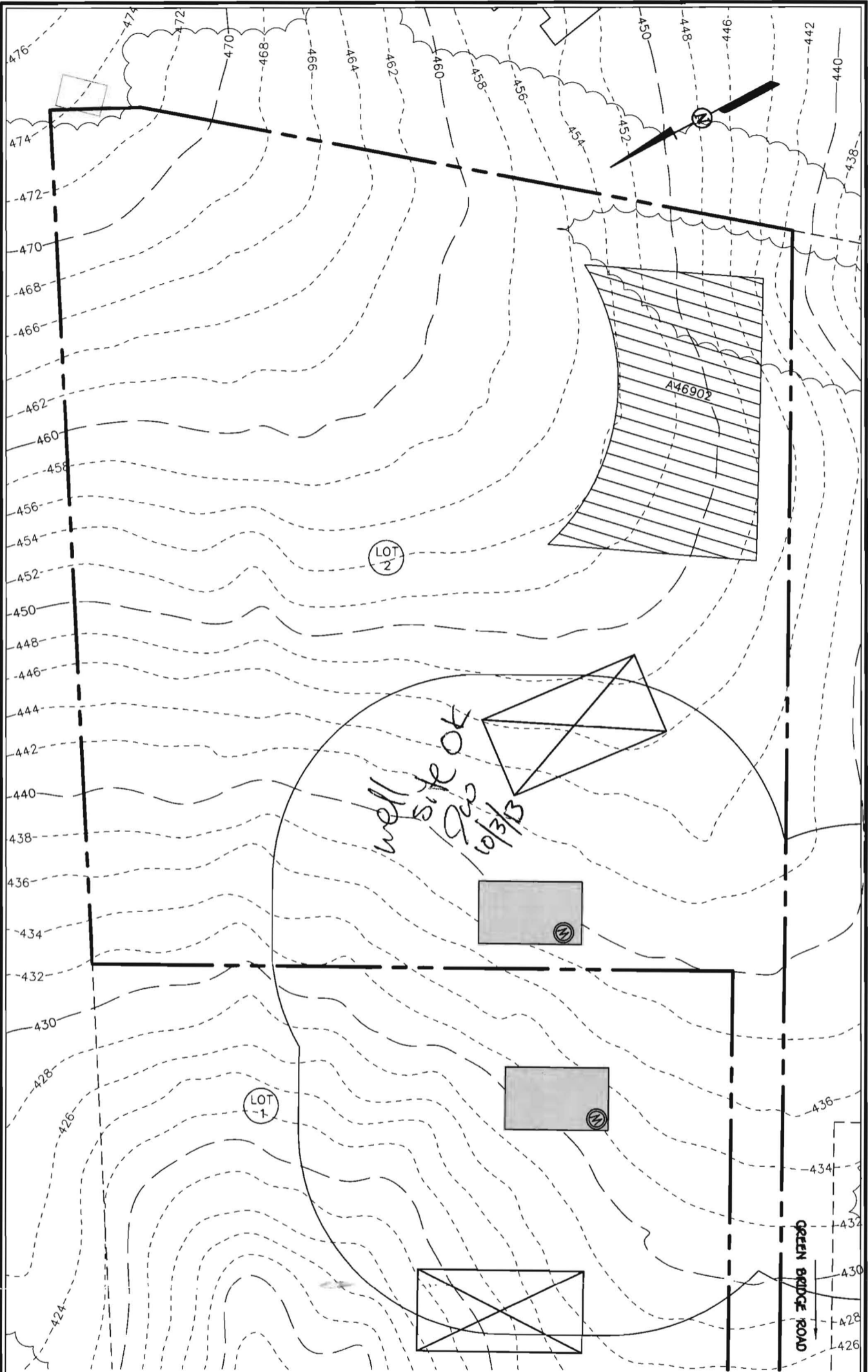


FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461 - 2955

LOT 2 BATEMAN PROPERTY

TAX MAP #27
3RD ELECTION DISTRICT
SCALE: 1"=60'
PARCEL: PVO 26
HOWARD COUNTY, MARYLAND
DATE: AUGUST 14, 2013

K:\SDSKPROJ\30368\dwg\30368 Well Exhibit Lot 2.dwg, Model, 9/30/2013 3:45:04 PM, 1:60



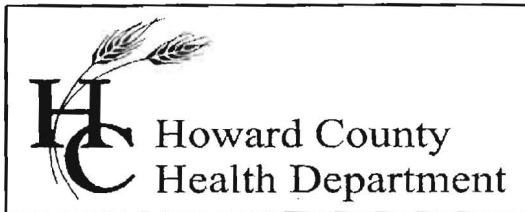
LOT 2

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BATEMAN PROPERTY

TAX MAP #27
 3RD ELECTION DISTRICT
 SCALE: 1"=60'

PARCEL: P\O 26
 HOWARD COUNTY, MARYLAND
 DATE: AUGUST 14, 2013



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](https://twitter.com/HowardCoHealthDep)

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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – FEBRUARY 25, 2018

August 25, 2017

Homeowner
5513 Green Bridge Road
Dayton, MD 21036

RE: Tall Trees, Lot 2
5513 Green Bridge Road
Building Permit: B16004121
Well Permit: HO-95-2582

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 **8/21/2017**. Final approval of the well line connection to the dwelling was granted on **6/29/2017**. The well construction was completed on **10/29/2013**. Water samples were collected on **8/18/2017**.

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-95-2582. 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>

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,



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

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

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

~~3/1/2014~~ 3/1/2014
 No license plate on tag. ~~RD~~

DATE WELL ABANDONED: Oct 29 2013 (month/day/year)

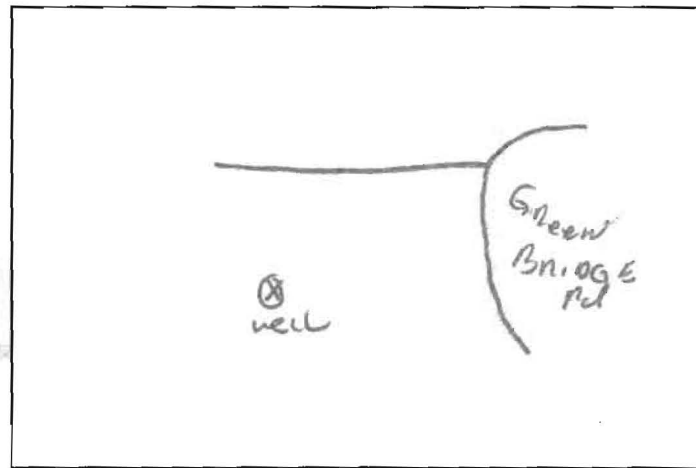
* PERMIT NUMBER OF ABANDONED WELL (if any) No Tag

* PERMIT NUMBER OF REPLACEMENT WELL: 140-95-2582

* PERSON ABANDONING WELL: Ralph MAYNE WELL DRILLER'S LICENSE NUMBER: 117
 * OWNER'S NAME: Heritage Realty & Land Develop CIRCLE: MWD / MSD / MGD

* WELL LOCATION:
 COUNTY: Howard
 NEAREST TOWN: DAYTON
 TAX MAP 27 BLOCK PARCEL #10 26
 SUBDIVISION: Tall Trees
 SECTION: _____ LOT: 2
 STREET ADDRESS: Green Bridge Rd

SITE LOCATION MAP



LATITUDE 3 9.21985

LONGITUDE 7 7.00362

* TYPE OF WELL BEING ABANDONED:
 DRILLED _____ JETTED
 _____ BORED _____ HAND DUG
 _____ OTHER (specify) _____

* USE CODE: DOMESTIC
 _____ IRRIGATION _____ MUNICIPAL/PUBLIC
 _____ TEST/OBSERVATION _____ INDUSTRIAL
 _____ _____ GEOTHERMAL

* TYPE OF CASING:
 _____ STEEL _____ PLASTIC
 _____ CONCRETE _____ OTHER (specify) _____

SIZE OF CASING: 6" INCHES IN DIAMETER

DEPTH OF WELL: 300 FEET DEEP

WAS ANY CASING REMOVED? YES _____ NO
 If yes, length removed, in feet: 40ft

WAS CASING RIPPED OR PERFORATED? _____ YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Blue Cuttings	300	20
Cement	20	0
VOLUME OF MATERIAL USED		
<u>8 BAGS</u>		

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

JMB Homes
15880 Ten Estates Dr.
Woodbine, MD 21797

Report Date: 08/21/2017
Report Number: 170821122809
Use and Occupancy
PERMIT #: 16004121

LARI- E050495-01 SAMPLE ID- 5513 Green Bridge Rd WELL #
LOCATION- Utility Sink SAMPLER- N Doegen #9528WD
DATE SAMPLED- 08/18/2017 TIME SAMPLED- 11:20 CHLORINE- <0.05 mg/L
DATE RECEIVED- 08/18/2017 TIME RECEIVED- 13:51
DELIVERED BY- Nat Doegen RECEIVED BY- Ginny Shelley
COMMENTS-

COMMENTS-

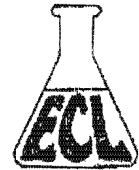
ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DATA FLAG
Microbiology by Enviro-Chem					
# Total Coliform	SM 9223B	08/18/17 14:40	VPS	Absent	PASS
# E. Coli	SM 9223B	08/18/17 14:40	VPS	Absent	PASS

Based on coliform bacteriological standards, at the time of sampling this water was SAFE for drinking water purposes.

Wet Chemistry by Enviro-Chem

# Nitrate (as N)	EPA 300.0	08/18/17 15:47	WND	0.5	mg/L	PASS
\$ pH	SM4500-H+B	08/18/17 16:00	RPD	6.4	SU	
@ Turbidity	EPA 180.1	08/18/17 16:00	RPD	0.3	NTU	

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410-472-1112

FINAL REPORT OF ANALYSIS

JMB Homes
15880 Ten Estates Dr.
Woodbine, MD 21797

Report Date: 08/21/2017
Report Number: 170821122809
Use and Occupancy
PERMIT #: 16004121

LAB#- E050495-02 SAMPLE ID- 5513 Green Bridge Rd WELL, I
LOCATION- Pressure Tank SAMPLER- N Doegen 19528WD
DATE SAMPLED- 08/18/2017 TIME SAMPLED- 11:20 CHLORINE-
DATE RECEIVED- 08/18/2017 TIME RECEIVED- 13:51
DELIVERED BY- Nat Doegen RECEIVED BY- Ginny Shelley
COMMENTS-

COMMENTS-

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DATA FLAG
Wet Chemistry by Enviro-Chem					
\$ Sand	EPA 160.5	08/18/17 15:20	VPS	< 0.5 ml/L/Hr	

Stephen E. Shelley

Stephen Shelley
Laboratory Director

Certifications

- # - State of Maryland Certification #192
- Virginia Drinking Water 8634
- W Indicates a MD certified Analyte
- I Indicates a MD, VA certified Analyte
- \$ Not a certified Analyte