

COUNTY

B 1 **63175** SEQUENCE NO. (MDE USE ONLY) **STATE OF MARYLAND**  
**APPLICATION FOR PERMIT TO DRILL WELL**  
 please type **564793-H**

**10-18-0081**  
 fill in this form completely

Date Received (APA)

## OWNER INFORMATION

8 MM DD YY 13

Elm Street Development

15 Last Name Owner First Name 34

1355 Beverly Road

36 Street or RFD 55

McLean VA 22101

57 Town 70 State 72 Zip 76

## DRILLER INFORMATION

Michael Barkow M Wb 355

Driller's Name 76 License No. 81

Barkow Well Drilling

Firm Name

522 Underwood Lane 21014

Address

Signature Date 3-12-19

## B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

## 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

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
- 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
- ☐ 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 DEEPEMED 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)

APPROX. PERMIT NUMBER H02017G001

PERMIT No. H0-18-0081

## LOCATION OF WELL

Howard

8 COUNTY 21

Simpson Property

23 SUBDIVISION 42

SECTION 44 46 LOT 34 48 50

Daxton

52 NEAREST TOWN 71

## B 4

## SOURCES OF DRILLING WATER

1. well

2.

3.

Green Bridge Road

11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

3100

34 1800 37

DISTANCE FROM ROAD

ENTER FT OR MI 38 39

TAX MAP: 27 BLK: 18 PARCEL

## NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD

COUNTY NAME

STATE SIGNATURE

DATE ISSUED 05/17/2019

43 MM DD YY 48

CO SIGNATURE

EXP. DATE 05/17/2020

41

DN: DNI DEC: DNI ID: 9/17/2019

PROPOSED LOCATION OF WELL ON LOT

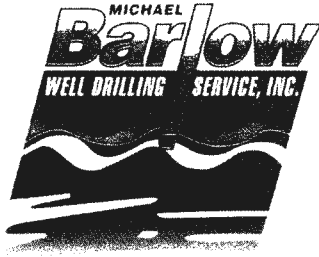
SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL

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.

N

## SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.



**MICHAEL BARLOW WELL DRILLING & SERVICE, INC.**  
**522 Underwood Lane** **Bel Air, Maryland 21014**  
**(410) 838-6910** **Fax (410) 838-3582**

### WELL YIELD REPORT

Date Test Completed: September 17, 2019

Well Depth: 300 feet

Customer Elm Street Development  
 Road Green Bridge Rd  
 City Dayton  
 State Maryland

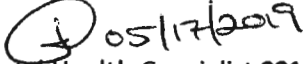
Permit # HO-18-0081  
 Subdivision Simpson Property  
 Section  
 Lot # 34

Time	Water Level feet Pump set at 125'	Time to Fill 1-gallon bucket seconds	G.P.M.
1:15 PM	17	4	15.00
1:30 PM	28	4	15.00
1:45 PM	31	4	15.00
2:00 PM	32	4	15.00
2:15 PM	32	4	15.00
2:30 PM	32	4	15.00
2:45 PM	32	4	15.00
3:00 PM	33	4	15.00
3:15 PM	33	4	15.00
3:30 PM	34	4	15.00
3:45 PM	34	4	15.00
4:00 PM	35	4	15.00
4:15 PM	35	4	15.00
4:30 PM	35	4	15.00
This yield test report is for informational purposes only. Please note the yield may increase or decrease over time and the GPM indicated above is not a guarantee.			

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

**MEMORANDUM**

**TO: Michael Barlow Well Drilling**  
**Attn: Michael Barlow MWD 355**  
522 Underwood Lane  
Bel Air, MD 21014

**FROM: Joseph Cabahug**   
Licensed Environmental Health Specialist **001997**  
Howard County Health Department  
**Well & Septic Program**

**RE: Simpson and Denault Well Permit Special Conditions**

**DATE: 05/17/2019**

This memorandum serves to inform the driller serving The Simpson and Denault Subdivision for construction of a new potable wells for residential use of the special conditions associated with the release of the well permits.

In accordance with current approved Percolation Certification (signed 03/27/2019), the following conditions apply:

**Note 15(d)** Wells installed on **Lots 2 – 8, 12 – 14, 23, 26 – 34, 38, and 39** must be installed as steel casing to depth of at least 50' below the soil surface or 10 feet into competent bedrock, whichever is deeper.

In accordance with the Water Appropriation and Use Permit (**HO2017G001(01)**), the following conditions apply:

**Page 3, Section 15:** The Permittee shall conduct simultaneous yield tests of wells closer than 100 feet apart, if at least one of the wells is on a lot less than one acre in size. The yield testing shall be conducted to ensure that the minimum yield requirements of COMAR 26.04.04.26 are met. In the event that a well that has been tested simultaneously with other wells does not meet minimum yield standards, the Permittee may relocate a well to achieve the 100-foot separation distance, deepen or otherwise modify the well to improve its yield or drill a second well to be used in tandem to meet the minimum yield standards during simultaneous testing. All wells shall comply with the well construction requirements.

**Lots 26, 28, 38 – 44**

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

Lots that are less than one acre are shown below.

MINIMUM LOT SIZE CHART			
LOT No.	GROSS AREA (SF)	PIPE STEM	NET AREA
1	54,825		54825
2	59,641		59641
3	55,018		55018
4	41,925		41925
5	40,840		40840
6	55,788		55788
7	55,833		55833
8	45,774		45774
9	42,992		42992
10	44,020		44020
11	42,068		42068
12	40,362		40362
13	41,330		41330
14	56,548	6700	49948
15	40,459		40459
16	49,871		49871
17	40,003		40003
18	40,443		40443
19	40,461		40461
20	40,461		40461
21	40,218		40218
22	54,686		54686
23	55,798		55798
24	44,052	1375	42677
25	41,612	2906	38706
26	48,488	5322	43166
27	46,396		46396
28	40,768		40768
29	44,270		44270
30	44,589		44589
31	46,366		46366
32	49,299		49299
33	47,918		47918
34	52,931		52931
35	54,827	2518	52309
36	44,800	3617	41183
37	55,035	4441	50595
38	33,223	2913	30310
39	31,227		31227
40	35,865		35865
41	40,100		40100
42	34,182		34182
43	41,390		41390
44	41,360		41360
45	45,097		45097
TOTAL AREA	2,043,259 AC.	46.91	S.F.

Please reach out to the Howard County Health Department – Bureau of the Environment with further questions.



NOT FOR CONSTRUCTION  
THIS DRAWING IS FOR INFORMATION ONLY  
AND DOES NOT CONSTITUTE A CONTRACT  
OR A GUARANTEE OF ANY KIND  
THE INFORMATION IS FOR YOUR INFORMATION ONLY  
AND DOES NOT CONSTITUTE A CONTRACT  
OR A GUARANTEE OF ANY KIND

NON-BUILDABLE #117  
PRES. PARCEL - M  
4,557 S.F. OR 0.10 AC.

LOT 34  
52,931 SF

10,006 SF  
S.D.A.

TRANSITION  
MANHOLE #

WELL SITE DRAWING  
SIMPSON & DENAULT PROPERTIES  
LOT 34

TAX MAP 27 GRID 18  
PARCELS 34, 36, 98, 111, #112  
5TH ELECTION DIST.  
HOWARD COUNTY, MD.  
SCALE: 1"=50' DATE: 2/21/19

APPROVED 05/17/2019  
STATED BY SHAN/LANE  
SHANABERGER & LANE  
225 TOWN AND COUNTRY BLVD., SUITE 201  
ELWORTH CITY, MD. 21043  
(410)461-9563 FAX: (410)461-9693  
Ho-18-0081



## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Tuesday, August 15, 2023 7:56 AM  
**To:** Cole, Colleen; Hall, Stephanie; Hill, Amanda; Hill, Chad; Roussell, Lisa; Schmidt, Heather; Huskins, Thomas; Tracey, Megan; 'gchahal@tollbrothers.com'  
**Cc:** Wolf, Kevin; Martin, Sharhonda; Cook, Kathleen  
**Subject:** ICOP\_7032 Colt Place  
**Attachments:** 7032 Colt Place \_ICOP letter (new).pdf

Hi All:

Attached, please find the ICOP letter for 7032 Colt Place.

Should you have any questions or concerns, please don't hesitate to contact me.

Kind Regards,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Well & Septic Program  
410.313.1786  
hoswald@howardcountymd.gov



## **INTERIM CERTIFICATE OF POTABILITY**

**Expiration Date – February 4, 2024**

August 4, 2023

Homeowner  
10536 Pudding Lane  
Ellicott City, MD 21042

**RE: King's Forest, Lot 23**  
**10536 Pudding Lane**  
**Building Permit: B21003351**  
**Well Permit: HO-18-0152**

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 **7/20/2023**. Final approval of the well line connection to the dwelling was granted on **3/30/2023**. The well construction was completed on **2/21/2020**. Water samples were collected on **6/9/2023, 6/27/2023**.

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.

Gross Alpha and Beta samples were also collected on **2/21/2020**. Results showed a Gross Alpha level of **3.2 ± 1.5 pCi/L** and **Gross Beta** level of **6.2 ± 1.9 pCi/L**. The Gross Alpha was below the maximum contaminant level (MCL) of 15 pCi/L and the Gross Beta was below the target level of 50pCi/L (roughly equivalent to the annual dose rate of 4 millirems per year). At the time of testing and with respect to these parameters, the well water is safe for all uses.

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-18-0152. 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.**

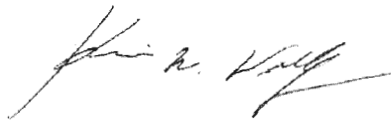
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**Maura J. Rossman, M.D., Health Officer**

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a certified water quality 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" for understanding your onsite sewage disposal system. You will also find a link to Maryland Department of the Environment website which elaborates in further detail operation and maintenance of your Septic System.

Approving Authority,



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

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

**FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.**

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

**REPORT OF ANALYSIS**

Laboratory ID #: 159849 Account #: 1933  
Reference: Kingsley Woods Lot 23 Client: Fogle's Well Pump & Treatment  
Location: 10536 Pudding Lane Requested By: Dave Fogle  
Ellicott City, MD 21042 Source: Well Water  
Date/ Time Collected: 6/27/2023 0800 Site: Pressure Tank  
Date/Time Rec'd: 6/27/2023 1122 Treatment: None  
Chlorine ppm: Free: ND Total: ND pH: 6.3  
Collected By: J. Evans 0309JE Well #: HO-18-0152

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	6/28/2023 / 0930 / TSD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	6/28/2023 / 0930 / TSD
Nitrate.	<0.40	mg/L	10	EPA 300.0	6/27/2023 / 1340 / TSD
Turbidity	4.01	NTU	<10	SM2130B	6/27/2023 / 1605 / TSD
Sand	ND	mg/L	5	Visual/Gravimetric	6/27/2023 / 1605 / TSD
Iron	0.37	mg/L	0.3*	Hach 8146	6/27/2023 / 1230 / TSD

**NOTES:**

- 1 \*SMCL = Secondary Maximum Contaminant Level
- 2 mg/L = milligrams per liter (also, parts per million)
- 3 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 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 Sample collected by client, analyzed as received
- 7 ND:None Detected
- 8 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 9 Visual well check: Sealed, vented cap

Reason for Test : Use &amp; Occupancy

Building Permit # : 21003351

Date Reported: 6/28/2023

**FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.**

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

**REPORT OF ANALYSIS**

Laboratory ID #:	159849	Account #:	1933
Reference:	Kingsley Woods Lot 23	Client:	Fogle's Well Pump & Treatment
Location:	10536 Pudding Lane	Requested By:	Dave Fogle
	Ellicott City, MD 21042	Source:	Well Water
Date/ Time Collected:	6/27/2023 0800	Site:	Pressure Tank
Date/Time Rec'd:	6/27/2023 1122	Treatment:	None
Chlorine ppm:	Free: ND Total: ND	pH:	6.3
Collected By:	J. Evans 0309JE	Well #:	HO-18-0152

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	6/28/2023 / 0930 / TSD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	6/28/2023 / 0930 / TSD
Nitrate.	<0.40	mg/L	10	EPA 300.0	6/27/2023 / 1340 / TSD
Turbidity	4.01	NTU	<10	SM2130B	6/27/2023 / 1605 / TSD
Sand	ND	mg/L	5	Visual/Gravimetric	6/27/2023 / 1605 / TSD
Iron	0.37	mg/L	0.3*	Hach 8146	6/27/2023 / 1230 / TSD

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- 7 ND:None Detected
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- 9 Visual well check: Sealed, vented cap

**Reason for Test :** Use & Occupancy**Building Permit # :** 21003351Date Reported: 6/28/2023

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

**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: Fogle's Well Pump + Water Treatment, LLC Telephone #: 410-795-1535  
Address: P.O. Box 63

Woodbine, Maryland 21797

Must circle one: Licensed Plumber / Licensed Well Driller / Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): Dave C. Fogle License# MSD226

\*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: Toll Brothers Telephone #: \_\_\_\_\_  
Subdivision: Willow Creek Lot #: 34 Well Tag #: HO-13-0081  
Site Address: 7032 Colt Place  
Dayton, MD 21036

**Submersible Pump Data**  
Make: Grundfos  
Model #: ISS0807180  
Pump Capacity: 15  
Well Yield: 15

**Pitless Adapter**  
Make: Campbell  
Model#: N/A  
GPM Depth: 36" (36" min)  
GPM 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: 300 (feet)  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Must circle one: Torque arrestors / Cable guards / Other acceptable method used

Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing N/A

**Piping to house**

Type: 1" poly pipe  
PSI: 200 psi (160 psi min)  
Depth of supply line: 36" (36" min)

**House Connection**

PVC sleeve to undisturbed soil at wall penetration: yes  
Length of sleeve (5' minimum from foundation): 6'  
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.

Signature of company representative responsible for installation

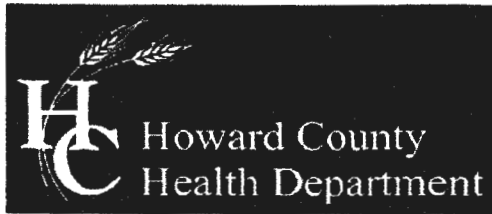
Date

4/5/2023

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

Date Insp. Requested: 4/5/23 Date Insp. Approved: 4/5/23 Inspector: RR  
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 ✓





## 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:

LOT #'S 1, 2, 3, 4, 7, 8, 9, 10, 11, 14, PARCEL 'C', 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

SIMPSON/DENAULT

Subdivision/Property Name

Lot #

GREEN BRIDGE RD.

Road Name

☒ The well site has been staked by SHANABERGER & LANE  
(professional land surveyor or company employing professional land surveyors)  
on 1/9/19 (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 4/22/14

