



## HOWARD COUNTY HEALTH DEPARTMENT

61510

DATE  
9/5/17

W5

Received  
From

PHONE #

For

☐ CASH☒ CHECK

NO.

1293

\$

160 | 00

Received By

J King

Dollars

COUNTY

TAG: 9/29/17 (20)

B 1	SEQUENCE NO. (MDE USE ONLY) <b>56719</b>	<b>STATE OF MARYLAND</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b> please type <b>51510</b>	STATE PERMIT NUMBER <b>HD - 17 - 0171</b> fill in this form completely
1 2 3	Date Received (APA) <b>090517</b> 8 MM DD YY 13 <b>POWELL</b> 15 Last Name <b>DENNIS</b> 34 First Name <b>421 TWIN ARCH ROAD</b> 36 Street or RFD <b>MT AIRY MD 21771</b> 57 Town 70 State 72 Zip 76	<b>LOCATION OF WELL</b> 8 COUNTY <b>Howard</b> 21 23 SUBDIVISION <b>Oak Forest Est.</b> 42 SECTION <b>44</b> 46 LOT <b>48</b> 50 <b>Mt Airy</b> 52 NEAREST TOWN 71	
B 2	<b>DRILLER INFORMATION</b> <b>George F. Easterday</b> <b>M W D</b> <b>040</b> Driller's Name 76 License No. 81 <b>L. Franklin Easterday, Inc.</b> Firm Name <b>9265 Brown Church Rd., Mt. Airy, Md. 21771</b> Address <b>George F. Easterday</b> <b>8/29/2017</b> Signature Date	<b>SOURCES OF DRILLING WATER</b> 1. wells 2. 3. <b>421 Twin Arch Road</b> 11 STREET ADDRESS 30 <b>ON WHICH SIDE OF ROAD</b> <b>(CIRCLE APPROPRIATE BOX)</b> NORTH N WEST W EAST E SOUTH S <b>775'</b> 34 500 37 <b>DISTANCE FROM ROAD</b> Ft. ENTER FT OR MI <b>38</b> 39 TAX MAP: <b>01</b> BLK: <b>18</b> PARCEL <b>16</b>	
B 2	<b>WELL INFORMATION</b> APPROX. PUMPING RATE (GAL. PER MIN.) <b>5</b> 8 12 <b>AVERAGE DAILY QUANTITY NEEDED</b> (GAL. PER DAY) <b>500</b> 14 20	<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> OPEN LOOP GEOTHERMAL <input type="checkbox"/> CLOSED LOOP GEOTHERMAL	
APPROXIMATE DEPTH OF WELL <b>300</b> FEET 24 28 APPROXIMATE DIAMETER OF WELL <b>6</b> INCH NEAREST INCH		<b>NOT TO BE FILLED IN BY DRILLER</b> <b>HEALTH DEPARTMENT APPROVAL</b> <b>Howard</b> <b>(13)</b> <b>A 39340</b> COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S → 41 DATE ISSUED <b>9/6/17</b> 43 MM DD YY 48 <b>CO SIGNATURE</b> <b>9/6/18</b> EXP. DATE DNI DOG: 9/20/17 (SC) 1	
<b>METHOD OF DRILLING (circle one)</b> BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTARY DRIVE-POINT other		<b>PROPOSED LOCATION OF WELL ON LOT</b> SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL <b>9/20</b> -well grouted w/ bentonite County line 100' House well 15' Drive DED Fred Rd 9/29/17	
<b>REPLACEMENT OR DEEPEMED WELLS</b> (CIRCLE APPROPRIATE BOX) <input type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input checked="" type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52		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.	
<b>Not to be filled in by driller (MDE OR COUNTY USE ONLY)</b> APPROP. PERMIT NUMBER <b>G</b> PERMIT No. <b>HD - 17 - 0171</b> 70 71 72 73 74 75 76 77 78 79			
<b>SPECIAL CONDITIONS</b> <b>Ex. Well to be sealed.</b> NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.			



MARYLAND DEPARTMENT OF THE ENVIRONMENT WATER MANAGEMENT ADMINISTRATION  
1800 Washington Blvd. Baltimore, Maryland 21230 (410) 537-3784

WATER WELL HYDROFRACTURE REPORT

WELL TAG NUMBER 10-17-0171 DATE WORK PERFORMED (mm/dd/yyyy) 09/13/2017

WELL SITE ADDRESS 421 Twin Arch Rd MT AIRY, MD

TAX MAP 01 BLK 18 PARCEL 16 LATITUDE 39-35928 LONGITUDE 77-134926

CASING DEPTH 40 FT CASING TYPE (circle) ST OR PVC DIAMETER 6  
WELL DEPTH 600 FT WATER LEVEL BEFORE FRAC 50 FT YIELD BEFORE FRAC 1/8 GPM  
PACKER SETTINGS (circle) SINGLE or MULTIPLE SET DEPTH OF SHALLOWEST PACKER 80 FT

SOURCE OF WATER WSSC

OBSERVATIONS

SET NUMBER	TOP ZONE (FT)	BOTTOM ZONE (FT)	MAX PRESSURE (PSI)	WATER VOLUME USED (GALLONS)
1 <u>1</u>	<u>80</u>	<u>600</u>	<u>800</u>	<u>700</u>
2 <u>2</u>	<u>140</u>	<u>600</u>	<u>700</u>	<u>600</u>
3				
4				
5				

WATER LEVEL AFTER FRAC 25 FT YIELD AFTER FRAC 163 GPM

NOTE: YIELD TEST PROCEDURES CAN BE FOUND UNDER COMAR 26.04.04.26.G.

REGULATIONS FOR HYDROFRACTURING OF WATER WELLS CAN BE FOUND IN COMAR 26.04.04.28. FAILURE TO FOLLOW REGULATORY PROCEDURES WILL CONSTITUTE RECEIVING A WRITTEN VIOLATION WHICH MAY RESULT IN PENALTIES DESCRIBED IN COMAR 26.04.04.38.

This Notice is provided pursuant to §10-624 of the State Government Article of the Maryland code. The Personal Information Requested on this form is intended to be used in processing this form pursuant to COMAR 26.04.04. Failure to provide the information requested may result in the form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment ("MDE") is a public agency and subject to the Maryland Public Information Act. This form may be made available on the internet via MDE's website and subject to inspection or copying. In whole or in part, by the public and other government agencies. If not protected by Federal or State law.

George F. Easterday  
DRILLER SIGNATURE

MWD 040  
LIC #



Fredericktowne  
ENVIRONMENTAL TESTING

Labs Inc.

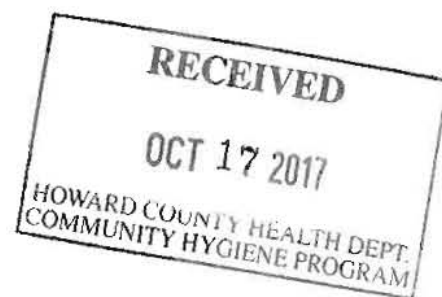
3020 Ventrie Court • P.O. BOX 245 • Myersville, MD 21773 • 800-332-3340 • FAX 301-293-2386  
www.fredericktownelabs.com • info@fredericktownelabs.com

## Certificate of Analysis

Acct. No. 8111 - 301-1

### Field Record

Site visit performed on: Friday, July 07, 2017 12:52 PM  
by: Daniel Brown State ID No. 2393DB  
Affiliation: Fox Mountain Properties  
Property Owner: Powell  
Property Address: 421 Twin Arch Road  
Mt. Airy, MD 21771  
Sample Source: Hall Bath  
Treatment Devices Noted: Whole House Particulate Filter  
Sample taken after treatment: Yes



### Laboratory Report

Sample Received at laboratory: 7/7/2017 3:32 PM

#### Bacteriological results:

Total Colif. (/100ml)	E.coli. (/100ml)	Start Date	Start Time	End Date	End Time	Method	Analyst
<1	<1	07/07/17	15:58	07/08/17	11:50	9223B	PH

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

#### Inorganic Chemical results:

Parameter	Result Units	MCL	Date of Analysis	Method	Analyst
Chloride	15 mg/l	250	7/7/2017	300.0	PH
Fluoride	<0.2 mg/l	4	7/7/2017	300.0	PH
Hardness	68 mg/l		7/11/2017	130.2	ST
Iron	<0.05 mg/l	0.3	7/11/2017	3500-Fe-D	ST
Nitrate-Nitrogen	3.6 mg/l	10	7/7/2017	300.0	PH
Nitrite Nitrogen	<0.2 mg/l	1	7/7/2017	300.0	PH
pH	6.1		7/7/2017	4500-H+B	JD
Phosphorous-Ortho	<0.2 mg/l		7/7/2017	300.0	PH
Sulfates	<5 mg/l		7/7/2017	300.0	PH

Reported by: Sally Mellett 7/11/17  
Name Date

Fredericktowne Labs, Inc. is a State Certified Water Quality Laboratory

Maryland Cert. No. 118 Virginia Cert. No. 00444

MDOT WBE Cert. No.: 91-158

7/11/2017 12:50:22 PM

Page 1 of 2  
EM



# Fredericktowne Labs Inc.

ENVIRONMENTAL TESTING

3026 Venture Court • P.O. BOX 245 • Myersville, MD 21773 • 800-332-3340 • FAX 301-293-2366  
www.fredericktownelabs.com • info@fredericktownelabs.com

## Certificate of Analysis

Acct. No. 8111 - 301-1

Turbidity

0.2 NTU'

.10

7/7/2017

180.1

JD



Reported by:

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

7/11/2017 12:50:23 PM

Page 2 of 2

EM

FREDERICKTOWNE LABS, INC.  
3020 VENTRIE CT., PO BOX 245, MYERSVILLE, MD 21773  
301-293-3340 OR FAX 301-293-2366

[illegible]

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
10/17/17	rec'd communication from the Homeowner, Adrienne Evans (361) 524-4624 that she will be keeping the old well HO-88-0568. A three-way ER switch will be installed and the well was sampled for bacteria @ the home inspection when the home was bought. - Results to be emailed. (EP)
10/17/17	spoke to Easterday - they installed the 3 way switch and put it into operation. (EP)



Replacement Well

421 Twin Arch Rd

HO-17-0171

Dear Mr. Rappaport,

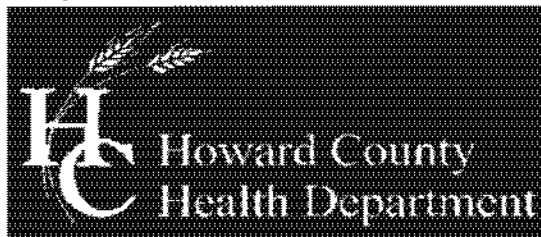
Please consider this letter to be a formal request to retain existing well located at 421 Twin Arch (HO-88-0568). We are asking to keep existing well to run off three way emergency switch, for additional water in emergency situations. We just purchased the home on July 31, 2017 and bacteria tests were performed for the existing well at that time. We will send a copy of the test performed in conjunction with the home inspection. The existing well was not producing enough water, but could help in reducing the likelihood of this problem in the future. Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read 'Adrienne Evans', enclosed within a large, loopy oval shape.

Adrienne Evans





## Bureau of Environmental Health

8930 Stanford Blvd, Columbia, MD 21045

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

TDD 410-313-2323 | Toll Free 1-866-313-6300

[www.hchealth.org](http://www.hchealth.org)

Facebook: [www.facebook.com/hccohealth](https://www.facebook.com/hccohealth)

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

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

October 2, 2017

Dennis Powell  
421 Twin Arch Road  
Mt. Airy, MD 21771

RE: **Replacement Well**  
421 Twin Arch Rd.  
HO-17-0171

Dear Homeowner:

According to our records, your replacement well has been connected to the dwelling. We request that you contact the Community Hygiene Program at (410) 313-1773 to schedule initial water sampling for the above referenced replacement well, as required by the Maryland Well Construction Regulation (COMAR 26.04.04). This sampling includes testing for bacteria, nitrates, turbidity, and sand. There is currently no charge for the sampling and it is to your benefit to have it tested. Sampling of the new well should be collected from the primary indoor drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap to complete your sampling obligation. However, the potential for unsuccessful sample results increases when samples are collected from taps exposed to the outside environment. If sampling has already been performed by an outside lab, please help us by forwarding the results of the samples to our office.

The old well (HO-88-0568) located near the driveway must be properly sealed and abandoned by a MD Licensed Well Driller per *COMAR 26.04.04.34*. Documentation is to be submitted by the driller to all appointed authorities that this task has been completed. If you'd like to retain the well located near the driveway to run in series with the new well or retain it as an irrigation well a formal written request must be submitted to this office for review. If your existing well (HO-88-0586) remains in use in conjunction with your newly drilled well, both of these wells must remain current to Maryland Well Construction Standards (COMAR 26.04.04). Additionally, the old well (HO-88-0568) will require water sampling. This sampling includes testing for bacteria, nitrates, turbidity, and sand.

**Please provide the above referenced documentation for the old well abandonment within 30 days of the receipt of this letter.** If you have any further questions, you can call me at 410-313-1781. Otherwise, call Community Hygiene at 410-313-1773 to schedule or arrange for them to collect the required water samples.

Sincerely,

Ryan Rappaport, LEHS  
Well & Septic Program

Cc: Community Hygiene Program  
L. Franklin Easterday, Inc. MWD 040  
File

## **Wolf, Kevin**

---

**From:** Wolf, Kevin  
**Sent:** Friday, September 01, 2017 9:02 AM  
**To:** 'Sara Easterday'  
**Subject:** RE: 421 Twin Arch Road

Hi Sara,

I met with the owner on Tuesday 8/29 as scheduled. The site looks pretty tough. I could really only see 2 possible areas due to very steep slopes: anywhere 30' off the house to the left or right side of the existing paved driveway is approvable. The owner wanted to put the well on the upslope side of the drive but didn't think that was possible based on my experience with drill-rig access and well placement.

You can proceed with drilling anytime. Your tag number is **HO-17-0171**

Please coordinate notification efforts with us by either email or phone (410-313-1771).

Thanks,

Kevin M. Wolf, LEHS, REHS/RS  
Groundwater Mgmt. Sec. Supervisor  
Well & Septic Program  
Bureau of Environmental Health  
8930 Stanford Blvd.  
Columbia, MD 21045  
(o) 410-313-2645  
(f) 410-313-2648



[kwolf@howardcountymd.gov](mailto:kwolf@howardcountymd.gov)

### **CONFIDENTIALITY NOTICE**

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**From:** Sara Easterday [<mailto:saraeasterday@verizon.net>]  
**Sent:** Friday, September 01, 2017 8:16 AM  
**To:** Wolf, Kevin  
**Cc:** Collins, Sarah  
**Subject:** 421 Twin Arch Road

Good morning,

I mailed in the state application for Twin Arch on Wednesday. Will we be able to get a number for this if we are ready to drill next week? It would be the middle to the end of the week, especially considering the holiday.

Thanks and have a great week-end,

Sara

*Sara V Easterday  
Administrative Assistant  
L. Franklin Easterday, Inc.  
9265 Brown Church Road  
Mt. Airy, Md. 21771  
301-829-1640  
301-829-2667-fax*

[Saraeasterday@verizon.net](mailto:Saraeasterday@verizon.net)



## Wolf, Kevin

---

**From:** Wolf, Kevin  
**Sent:** Wednesday, September 06, 2017 11:12 AM  
**To:** 'Sara Easterday'  
**Subject:** RE: 421 Twin Arch Road

Sara,  
Yes, that should be fine. I received the permit in the mail today. We can bring it onsite when drilling commences.

---

**From:** Sara Easterday [mailto:saraeasterday@verizon.net]  
**Sent:** Wednesday, September 06, 2017 10:10 AM  
**To:** Wolf, Kevin  
**Subject:** Re: 421 Twin Arch Road

Hi Kevin,

George said he can get over 30 feet from the house, but only 15 feet from the garage. Will that work?

Sara

*Sara V Easterday  
Administrative Assistant  
L. Franklin Easterday, Inc.  
9265 Brown Church Road  
Mt. Airy, Md. 21771  
301-829-1640  
301-829-2667-fax*

Saraeasterday@verizon.net

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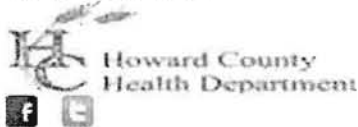
**From:** "Wolf, Kevin" <KWolf@howardcountymd.gov>  
**To:** Sara Easterday <saraeasterday@verizon.net>  
**Sent:** Friday, September 1, 2017 9:08 AM  
**Subject:** RE: 421 Twin Arch Road

Hi Sara,  
I met with the owner on Tuesday 8/29 as scheduled. The site looks pretty tough. I could really only see 2 possible areas due to very steep slopes: anywhere 30' off the house to the left or right side of the existing paved driveway is approvable. The owner wanted to put the well on the upslope side of the drive but didn't think that was possible based on my experience with drill-rig access and well placement. You can proceed with drilling anytime. Your tag number is **HO-17-0171**

Please coordinate notification efforts with us by either email or phone (410-313-1771).

Thanks,

Kevin M. Wolf, LEHS, REHS/RS  
Groundwater Mgmt. Sec. Supervisor  
Well & Septic Program  
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8930 Stanford Blvd.  
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*Sara V Easterday  
Administrative Assistant  
L. Franklin Easterday, Inc.  
9265 Brown Church Road  
Mt. Airy, Md. 21771  
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301-829-2667-fax*

[Saraeasterday@verizon.net](mailto:Saraeasterday@verizon.net)



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

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

- ☒ The well site has been staked by owner / Health Dept & Driller  
(professional land surveyor or company employing professional land surveyors)  
on 8-29-17 (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.

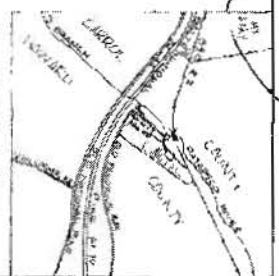
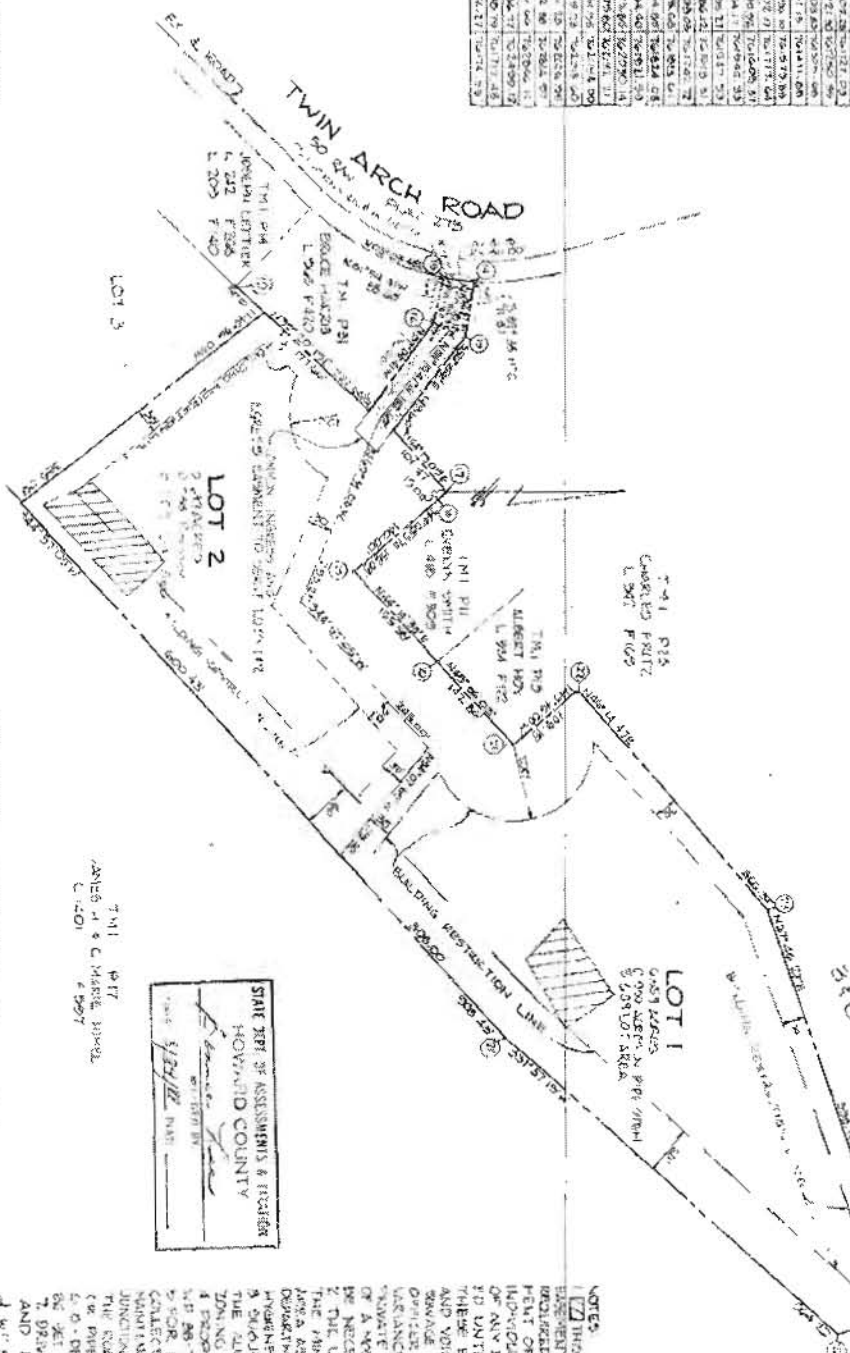
This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 6/10/03

421 TWIN ARCH Rd  
Powell Residence

NOTE: 1ST LOTS LOCATED IN THE NEARBY MAPS  
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 93. 93RD LOT LOCATED IN THE NEARBY MAPS  
 94. 94TH LOT LOCATED IN THE NEARBY MAPS  
 95. 95TH LOT LOCATED IN THE NEARBY MAPS  
 96. 96TH LOT LOCATED IN THE NEARBY MAPS  
 97. 97TH LOT LOCATED IN THE NEARBY MAPS  
 98. 98TH LOT LOCATED IN THE NEARBY MAPS  
 99. 99TH LOT LOCATED IN THE NEARBY MAPS  
 100. 100TH LOT LOCATED IN THE NEARBY MAPS

LOT	AREA	ACRES
1	0.10	0.10
2	0.10	0.10
3	0.10	0.10
4	0.10	0.10
5	0.10	0.10
6	0.10	0.10
7	0.10	0.10
8	0.10	0.10
9	0.10	0.10
10	0.10	0.10
11	0.10	0.10
12	0.10	0.10
13	0.10	0.10
14	0.10	0.10
15	0.10	0.10
16	0.10	0.10
17	0.10	0.10
18	0.10	0.10
19	0.10	0.10
20	0.10	0.10
21	0.10	0.10
22	0.10	0.10
23	0.10	0.10
24	0.10	0.10
25	0.10	0.10
26	0.10	0.10
27	0.10	0.10
28	0.10	0.10
29	0.10	0.10
30	0.10	0.10
31	0.10	0.10
32	0.10	0.10
33	0.10	0.10
34	0.10	0.10
35	0.10	0.10
36	0.10	0.10
37	0.10	0.10
38	0.10	0.10
39	0.10	0.10
40	0.10	0.10
41	0.10	0.10
42	0.10	0.10
43	0.10	0.10
44	0.10	0.10
45	0.10	0.10
46	0.10	0.10
47	0.10	0.10
48	0.10	0.10
49	0.10	0.10
50	0.10	0.10
51	0.10	0.10
52	0.10	0.10
53	0.10	0.10
54	0.10	0.10
55	0.10	0.10
56	0.10	0.10
57	0.10	0.10
58	0.10	0.10
59	0.10	0.10
60	0.10	0.10
61	0.10	0.10
62	0.10	0.10
63	0.10	0.10
64	0.10	0.10
65	0.10	0.10
66	0.10	0.10
67	0.10	0.10
68	0.10	0.10
69	0.10	0.10
70	0.10	0.10
71	0.10	0.10
72	0.10	0.10
73	0.10	0.10
74	0.10	0.10
75	0.10	0.10
76	0.10	0.10
77	0.10	0.10
78	0.10	0.10
79	0.10	0.10
80	0.10	0.10
81	0.10	0.10
82	0.10	0.10
83	0.10	0.10
84	0.10	0.10
85	0.10	0.10
86	0.10	0.10
87	0.10	0.10
88	0.10	0.10
89	0.10	0.10
90	0.10	0.10
91	0.10	0.10
92	0.10	0.10
93	0.10	0.10
94	0.10	0.10
95	0.10	0.10
96	0.10	0.10
97	0.10	0.10
98	0.10	0.10
99	0.10	0.10
100	0.10	0.10



STATE OF TEXAS  
 COUNTY OF HOUSTON  
 HOUSTON, TEXAS  
 I, JAMES H. BROWN, JR., being duly sworn, depose and say that the foregoing is a true and correct copy of the plat of the subdivision of the land described in the foregoing plat, as the same appears from the records of the County Clerk of the County of Houston, Texas.

TWIN ARCH ROAD  
 ALBERT ROAD  
 GREEN SPRING

LOT	AREA	ACRES
1	0.10	0.10
2	0.10	0.10
3	0.10	0.10
4	0.10	0.10
5	0.10	0.10
6	0.10	0.10
7	0.10	0.10
8	0.10	0.10
9	0.10	0.10
10	0.10	0.10
11	0.10	0.10
12	0.10	0.10
13	0.10	0.10
14	0.10	0.10
15	0.10	0.10
16	0.10	0.10
17	0.10	0.10
18	0.10	0.10
19	0.10	0.10
20	0.10	0.10
21	0.10	0.10
22	0.10	0.10
23	0.10	0.10
24	0.10	0.10
25	0.10	0.10
26	0.10	0.10
27	0.10	0.10
28	0.10	0.10
29	0.10	0.10
30	0.10	0.10
31	0.10	0.10
32	0.10	0.10
33	0.10	0.10
34	0.10	0.10
35	0.10	0.10
36	0.10	0.10
37	0.10	0.10
38	0.10	0.10
39	0.10	0.10
40	0.10	0.10
41	0.10	0.10
42	0.10	0.10
43	0.10	0.10
44	0.10	0.10
45	0.10	0.10
46	0.10	0.10
47	0.10	0.10
48	0.10	0.10
49	0.10	0.10
50	0.10	0.10
51	0.10	0.10
52	0.10	0.10
53	0.10	0.10
54	0.10	0.10
55	0.10	0.10
56	0.10	0.10
57	0.10	0.10
58	0.10	0.10
59	0.10	0.10
60	0.10	0.10
61	0.10	0.10
62	0.10	0.10
63	0.10	0.10
64	0.10	0.10
65	0.10	0.10
66	0.10	0.10
67	0.10	0.10
68	0.10	0.10
69	0.10	0.10
70	0.10	0.10
71	0.10	0.10
72	0.10	0.10
73	0.10	0.10
74	0.10	0.10
75	0.10	0.10
76	0.10	0.10
77	0.10	0.10
78	0.10	0.10
79	0.10	0.10
80	0.10	0.10
81	0.10	0.10
82	0.10	0.10
83	0.10	0.10
84	0.10	0.10
85	0.10	0.10
86	0.10	0.10
87	0.10	0.10
88	0.10	0.10
89	0.10	0.10
90	0.10	0.10
91	0.10	0.10
92	0.10	0.10
93	0.10	0.10
94	0.10	0.10
95	0.10	0.10
96	0.10	0.10
97	0.10	0.10
98	0.10	0.10
99	0.10	0.10
100	0.10	0.10

APPROVED FOR PRIVATE AND/OR PUBLIC  
 HOUSTON COUNTY DEPARTMENT OF  
 PLANNING & ZONING  
 DATE: 1/1/77  
 BY: JAMES H. BROWN, JR.

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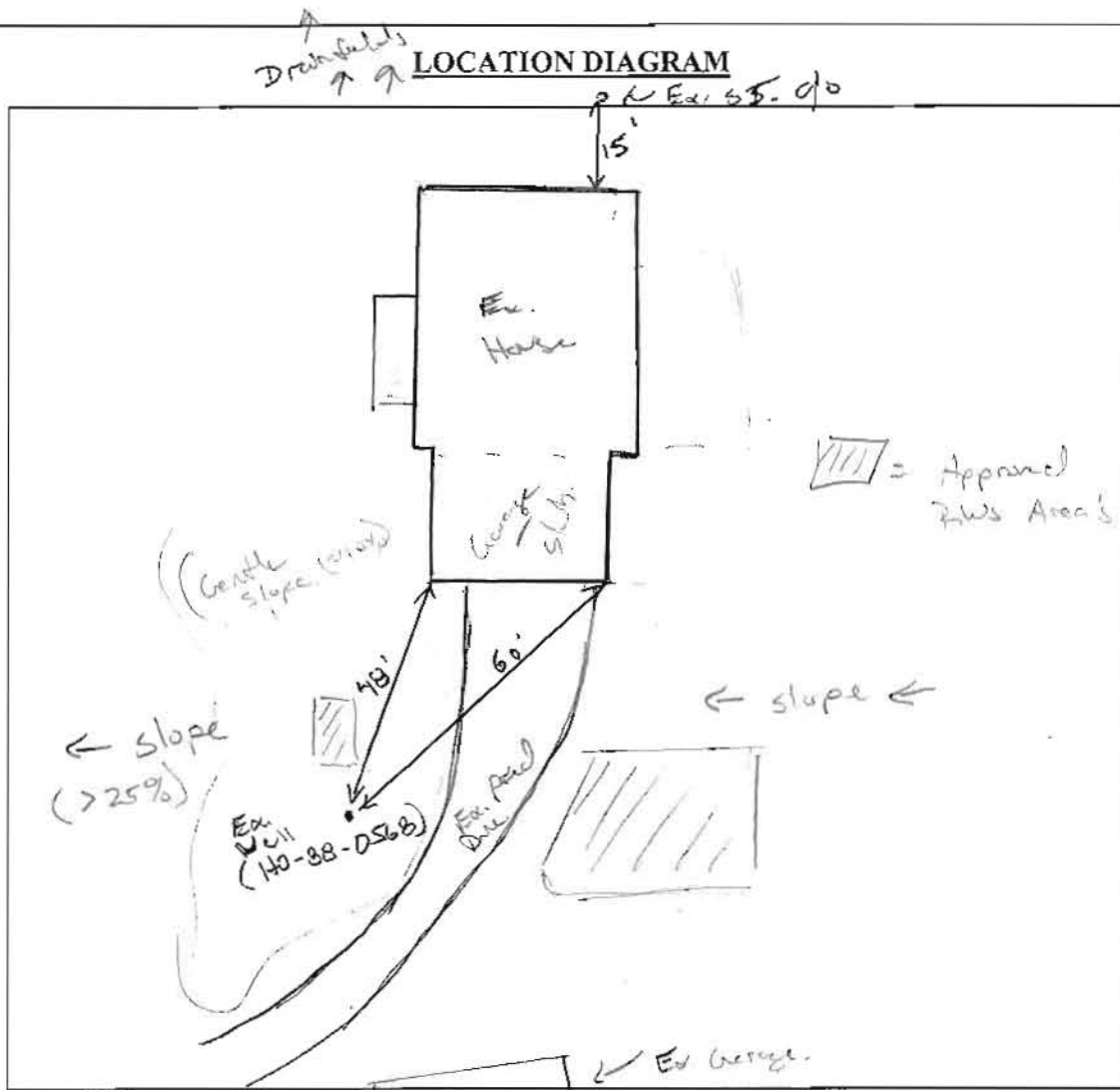
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SITE INSPECTION SHEET

OWNER: Adrian PHONE #: \_\_\_\_\_  
ADDRESS: 421 Twin Arch Rd. CONTRACTOR: Eastday  
WELL TAG #: \_\_\_\_\_  
SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ COUNTY #: \_\_\_\_\_  
PROPOSAL: out of its



COMMENTS: 8/29/17 met on-site w/ owner. no boiler on-site  
called but no answer. Owner had 2 more in school  
(see above) both are operable - (Rover)

DATE: \_\_\_\_\_ INSPECTOR: \_\_\_\_\_

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: Easterday-Wilson Water Service LLC Telephone #: 301-831-5170  
Address: 7265 Brown Church Rd  
Mt Airy MD 21771

(Must circle one) Licensed Plumber      Licensed Well Driller      Licensed Well Pump Installer

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

Name (Print): Frankie Easterday JR License# MWD 269

\*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: Dennis Powell Telephone #: 301-524-4624  
Subdivision: \_\_\_\_\_ Lot #: \_\_\_\_\_ Well Tag #: HO-17-0171  
Site Address: 421 Twin Arch Rd Mt Airy

Submersible Pump Data

Make: Grundfos  
Model #: 5707-18  
Pump Capacity \_\_\_\_\_ GPM  
Well Yield: 1 GPM

Pitless Adapter

Make: Mattison  
Model# B-104  
Depth: 3 1/2 (36" min)  
NSP/WSC approved: \_\_\_\_\_

Well Cap and Electric Conduit

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

Depth of well encountered at time of pump installation: \_\_\_\_\_ (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, 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

Piping to house

Type: PE  
PSI: 200 (160 psi min)  
Depth of supply line: 3 1/2 (36" min)

House Connection

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

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: 9-26-17

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

Date Insp. Requested: 9/18/17 Date Insp. Approved: 9/19/17 Inspector: RA  
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 ✓

9/28/17  
driller not complete  
w/ work at time  
of insp.

both verified  
on 9/29/17 (RA)