



# HOWARD COUNTY HEALTH DEPARTMENT

74035

DATE  
3/16/23

WS

Received From

Miranda Professional Concrete LLC PHONE #

For

well permit 7173  
mexx hollow rd.

- CASH
- CHECK

NO.

1028

One hundred sixty Dollars

\$

100.00

Received By

Kens

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

**MEMORANDUM**

July 20, 2023

**RE: Replacement Well Sampling**  
7173 Mink Hollow Road  
Highland, MD. 20777  
Well Permit # HO-20-0262

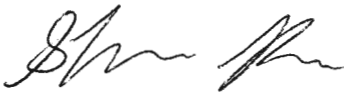
Dear Jose Miranda,

According to our records, your replacement well has been connected to the dwelling. The final inspection was granted on 7/19/2023. We request that you contact the Health Department's Community Hygiene Program at **(410) 313-1773** to schedule initial water sampling for the above referenced replacement well. These tests are required by State Regulations called the Maryland Well Construction Regulation (COMAR 26.04.04). This sampling includes testing for bacteria, nitrate, turbidity, and sand.

It is preferred that the sample 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.** If you have any further questions, you can call me at 410-313-1781. Otherwise, please call the Community Hygiene Program at 410-313-1773 to schedule a day and time for the water samples.

Respectfully,



Shepsura Page, EHS  
Groundwater Management Program

C1 66853

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.

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

COUNTY NUMBER 74035 W5

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 7-18-2023

Depth of Well 7114/2023 400

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-20-0262

OWNER Miranda Jose WELL SITE ADDRESS 7113 Mink Hollow Rd. TOWN Highland MD, 20777

WELL LOG Not required for driven wells

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top soil, Brown shale, sandstone, gray mica, and water.

GROUTING RECORD WELL HAS BEEN GROUTED YES [X] NO [N]

TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CM] BENTONITE CLAY [BC] NO. OF BAGS 21 NO. OF POUNDS 1880

CASING RECORD casing types insert appropriate code below

MAIN CASING TYPE PL1 Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 70

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

SCREEN RECORD screen type or open hole insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES [Y] NO [N]

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

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

DRILLERS LIC. NO. 1 M 5 D 027

DRILLERS SIGNATURE Larry Marni

LIC. NO. 1 D

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

DEPTH (nearest ft.) 70 400

SCREEN RECORD ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER

DIAMETER OF SCREEN (NEAREST INCH) 56 60

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

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min.) 1

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 70

WHEN PUMPING 220

TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other J jet S submersible

PUMP INSTALLED DRILLER INSTALLED PUMP YES [NO]

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 49 47

CASING HEIGHT (circle appropriate box and enter casing height) above 49 below 1 (nearest foot)

LATITUDE 39.17521 LONGITUDE 76.99098 (DEFAULT COORD. WGS 84)

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.

C1 66653

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER 74035 WS

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED MM 04 DD 18 23

DATE WELL COMPLETED MM 7 DD 10 2023

Depth of Well 22 400 26 OK 711912023

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-20-0262

OWNER Miranda Jose WELL SITE ADDRESS 7123 Mink Hollow Rd TOWN Highland MD 20777 SUBDIVISION 1002 SECTION LOT

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Top soil, Brown shale, sandstone, gray mica, and water.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 21 NO. OF POUNDS 126 GALLONS OF WATER 126 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 69

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE PL 6 70

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES Y NO N

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 M SD 027

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 D

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

DEPTH (nearest ft.) HO 70 400

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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

TELESCOPE CASING LOG INDICATOR OTHER DATA 74 75 76

PUMPING TEST HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min.) 1.5 METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft.

TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other J jet S submersible

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES OR NO) YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

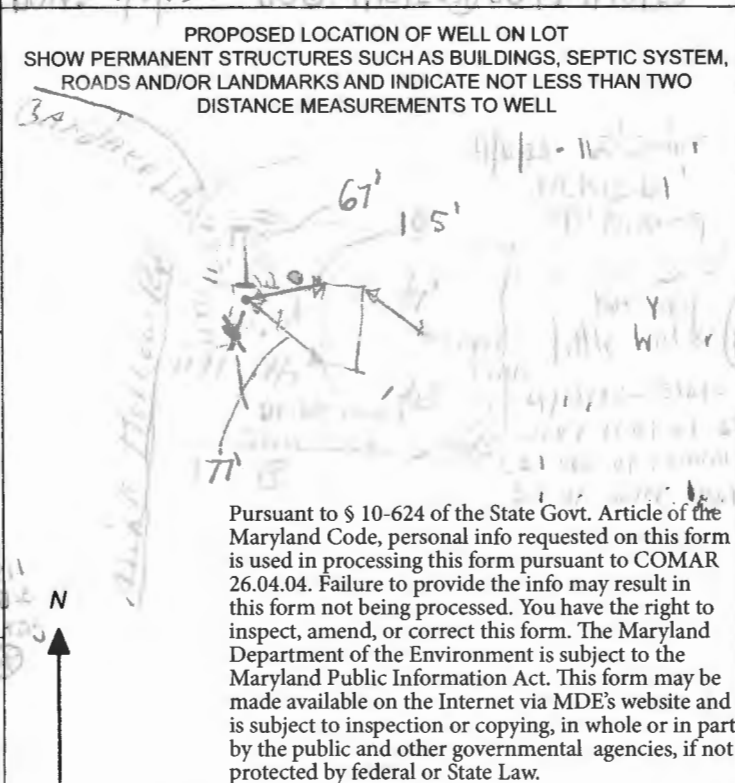
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below (nearest foot) 1

LATITUDE 39.17521 LONGITUDE 76.99098 (DEFAULT COORD. WGS 84)

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>B 1</b>	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b> please type	STATE PERMIT NUMBER <b>HO-20-0262</b> <small>70 fill in this form completely 79</small>
1 2 3 6	<b>OWNER INFORMATION</b> Date Received (APA) <u>5/11/23</u> <small>8 MM DD YY 13</small> Owner <u>Miranda Jose</u> <small>15 Last Name 34 First Name</small> <u>7173 Mink Hollow Rd.</u> <small>36 Street or RFD 55</small> <u>Highland, MD 20777</u> <small>57 Town 70 State 72 Zip 76</small>		<b>LOCATION OF WELL</b> <u>Howard</u> <small>8 COUNTY 21</small> <u>1002</u> <small>23 SUBDIVISION 42</small> SECTION <u>44</u> <small>46</small> LOT <u>48</u> <small>50</small> <u>Highland, MD 20777</u> <small>52 NEAREST TOWN 71</small>
<b>DRILLER INFORMATION</b> <u>Franz Menger</u> <small>76</small> <u>M 3 D 0 2 7</u> <small>81</small> <small>Driller's Name License No.</small> <u>Menger Well Drilling LLC</u> <small>Firm Name 21777</small> <u>6581 Buffalo Rd. Rt. 414</u> <small>Address</small> <u>Franz Menger</u> <small>3-9-2023</small> <small>Signature Date</small>		<b>SOURCES OF DRILLING WATER</b> 1. <u>WELL</u> 2. _____ 3. _____ <b>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</b> <div style="text-align:center;"> <input type="checkbox"/> NORTH  <input checked="" type="checkbox"/> WEST  <input type="checkbox"/> EAST  <input type="checkbox"/> SOUTH         </div> 34 <u>100</u> 37 <small>DISTANCE FROM ROAD ENTER FT OR MI 38 39</small> TAX MAP: <u>40</u> BLK: <u>7</u> PARCEL <u>49</u>	
<b>B 2</b>	<b>WELL INFORMATION</b> APPROX. PUMPING RATE <u>5</u> <small>(GAL. PER MIN.) 8 12</small> AVERAGE DAILY QUANTITY NEEDED <u>500</u> <small>(GAL. PER DAY) 14 20</small>		<b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b> <u>Howard</u> <small>13</small> <small>COUNTY NAME COUNTY NO.</small> STATE SIGNATURE _____ INSERT S → _____ <small>DATE ISSUED 41</small> <u>3/29/2023</u> <small>43 MM DD YY 48</small> <u>Stephen Pann</u> <small>5/29/2024</small> <small>CO SIGNATURE EXP. DATE</small> <small>NON: 4/4/23 @ 006:4/10/23 @ 004:4/10/23</small>
<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		<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 	
APPROXIMATE DEPTH OF WELL <u>300</u> FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL <u>6</u> INCH <small>NEAREST INCH</small>		<b>METHOD OF DRILLING (circle one)</b> <input checked="" type="checkbox"/> BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVerse-ROTary <input type="checkbox"/> DRive-POINT other _____	
<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b> <input type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input checked="" type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input 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 DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) <u>41</u> _____ <small>39</small>		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 _____ <u>G</u> _____ PERMIT No. <u>HO-20-0262</u> <small>70 71 72 73 74 75 76 77 78 79</small>			
<b>SPECIAL CONDITIONS</b> <small>NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED</small>			

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 20-0264  
 Location of property (road) 7173 Mink Hollow Rd.  
 Subdivision 1004 Lot \_\_\_\_\_ Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller Harry Magin Owner Jose Miranda

Depth of well 400  
 Distance of measuring point (H.P.) above ground 1  
 Static water level (S.W.L.) below H.P. 40'

I. High rate pumping -- reservoir drawdown

Time pump started 7:45 Pumping rate 15  
 Total time 30 min to reach pumping water level 220 ft. below H.P.

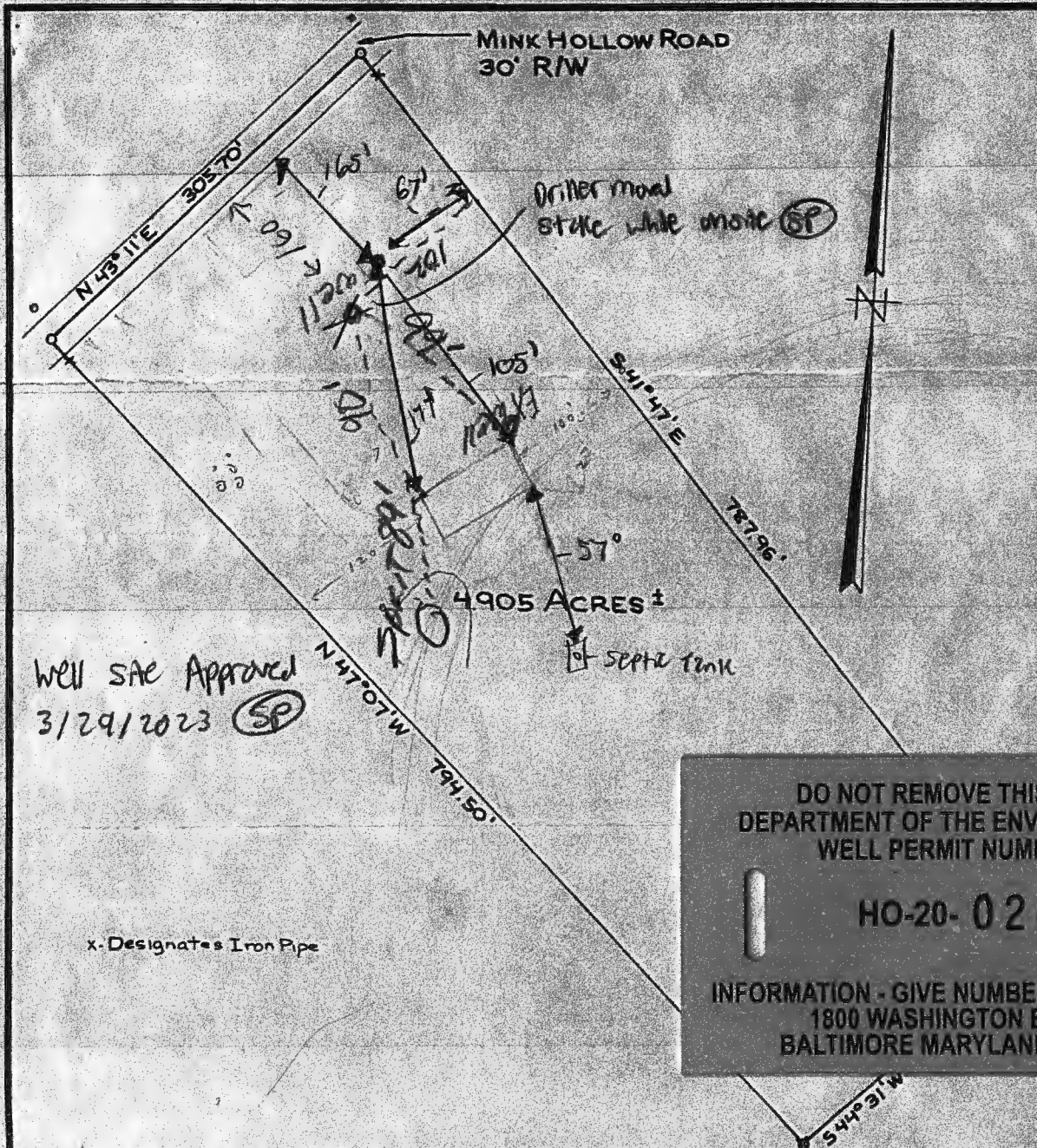
II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED (gallons per minute)
7:45	40	7 sec.		15
8:00	135	7 sec.		15
8:15	220	7 sec.		15
8:30	220	60 sec.		1
8:45	220	60 sec.		1
9:00	220	60 sec.		1
9:15	220	60 sec.		1
9:30	220	60 sec.		1
9:45	220	60 sec.		1
10:00	220	60 sec.		1
10:15	220	60 sec.		1
10:30	220	60 sec.		1
10:45	220	60 sec.		1
11:00	220	60 sec.		1
11:15	220	60 sec.		1
11:30	220	60 sec.		1
11:45	220	60 sec.		1
12:00	220	60 sec.		1
12:15	220	60 sec.		1
12:30	220	60 sec.		1
12:45	220	60 sec.		1
1:00	220	60 sec.		1
1:15	220	60 sec.		1
1:30	220	60 sec.		1



# FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
3/29/2023	Inspection verifying stakes for well location. Digger moved stakes while on site.
	Proposed well far enough from Property line, House, street, & septic tank. (SP)
4/6/2023	
4/10/2023	



DO NOT REMOVE THIS TAG  
DEPARTMENT OF THE ENVIRONMENT  
WELL PERMIT NUMBER

HO-20-0262

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

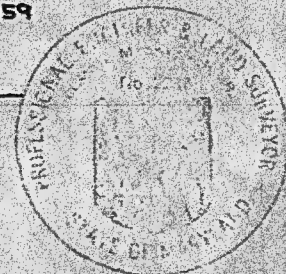
7173

PLAT OF SURVEY  
FOR  
JAMES E. HOLT

FIFTH ELECTION DISTRICT OF HOWARD COUNTY  
SANDY SPRING, MARYLAND  
SCALE: 1"=100' DECEMBER 31, 1959

*Claude M. Skinner, Jr.*

Claude M. Skinner, Jr., Reg. Professional Engineer & Land  
Surveyor No. 2237



DS  
MLG

A-1761



**RECEIPT**

Howard County, MD  
HOWARD COUNTY HEALTH DEPARTMENT  
ASCEND ONE BUILDING  
Columbia, MD 21045  
8930 STANFORD BLVD

**Application:** WS-WP-23-00640  
**Application Type:** EnvHealth/Well and Septic/Installation/Application  
**Address:**

---

<b>Receipt No.</b>	6080					
<b>Payment Method</b>	<b>Ref Number</b>	<b>Amount Paid</b>	<b>Payment Date</b>	<b>Cashier ID</b>	<b>Received</b>	<b>Comments</b>
Check	1028	\$160.00	03/16/2023	JUKING		Receipt # 74035
<b>Work Description:</b>	Well Permit/ 7173 Mink Hollow Rd					