

60331

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER 586 7

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 01 02 24

Depth of Well 150

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-25-0001

OWNER: Liker Family Farm LLC
WELL SITE ADDRESS: 12570 Scaggsville Rd
TOWN: Highland

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Overburden, Hole/Sand, Gray Slate, Groundwater, etc.

GROUTING RECORD
WELL HAS BEEN GROUTED (N)
TYPE OF GROUTING MATERIAL (CM)
BENTONITE CLAY (BC)

CASING RECORD
MAIN CASING TYPE (ST)
Nominal diameter top (main) casing (nearest inch): 6
Total depth of main casing (nearest foot): 40

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

SCREEN RECORD
screen type or open hole (HO)
insert appropriate code below

DEPTH (nearest ft.)
HO 41 150
A 8 9 11 15 17 21
H 23 24 26 30 32 36
S 38 39 41 45 47 51
E
N
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH) 56 60

PUMPING TEST
HOURS PUMPED (nearest hour) 4
PUMPING RATE (gal. per min.) 40
METHOD USED TO MEASURE PUMPING RATE: Watch/Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 26 ft.
WHEN PUMPING 38 ft.
TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED
DRILLER INSTALLED PUMP 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: 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 2 (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS: 0
WELL HYDROFRACTURED YES (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...

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

LATITUDE 39.172807
LONGITUDE 76.947826
(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 1	SEQUENCE NO. (MDE USE ONLY) 55718	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 586757	STATE PERMIT NUMBER HO - 25 - 0001 <small>70 fill in this form completely 79</small>
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OWNER INFORMATION

Date Received (APA) **07/26/24**

8 MM DD YY 13

15 Last Name **Liker** Owner **Family Farm LLC** First Name **34**

36 Street or RFD **12570 Scaggsville Rd** 55

57 Town **Highland** MD 20777 70 State 72 Zip 76

B 3 LOCATION OF WELL

8 COUNTY **Howard** 21

23 SUBDIVISION _____ 42

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

52 NEAREST TOWN **Highland / Fulton** 71

DRILLER INFORMATION

Driller's Name **Franklin Phillips** MWD **579** 76 License No. 81

Firm Name **Phillips & Son Drilling Inc.**

Address **2624 Kachel Rd Knoxville MD**

Signature **Frank Phillips** Date **6/12/24**

B 4 SOURCES OF DRILLING WATER

1. well **12570 Scaggsville Rd** 11 STREET ADDRESS 30

2. _____

3. _____

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH
 WEST EAST
 SOUTH

34 DISTANCE FROM ROAD **1500** 37 ENTER FT OR MI 38 39

TAX MAP: **0040** BLK: _____ PARCEL **0097**

B 2 WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **300** 14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME **Howard** COUNTY NO. **13**

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED **6/12/2024** 43 MM DD YY 48 CO SIGNATURE **6/12/2025** EXP. DATE

DON **DOG** **DOY**

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** INCH 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)

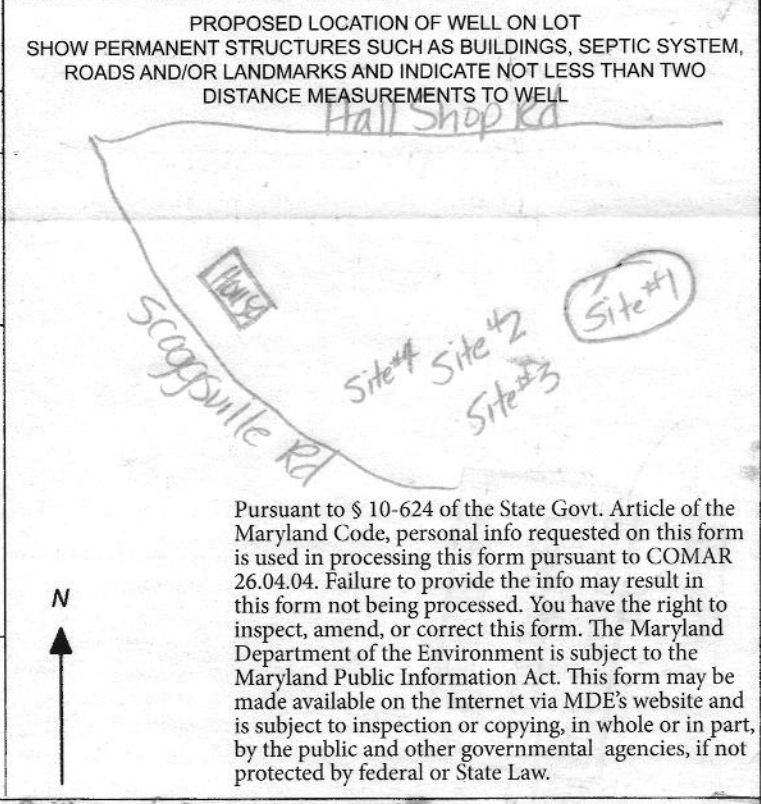
THIS WELL WILL NOT REPLACE AN EXISTING WELL

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 DEEPEM 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 - 25 - 0001** 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS *Please Notify office of Drilling, Grout, & yield Radium Samples Required During Yield.*

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.

MDE/WMA/PER.071 2 COUNTY

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

DATE WELL ABANDONED: January 9, 2026 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any)

* PERMIT NUMBER OF REPLACEMENT WELL:

* PERSON ABANDONING WELL: FRANK SINGLETON

* OWNER'S NAME: DAVID LIKER

* WELL LOCATION:

COUNTY: HOWARD

NEAREST TOWN: HIGHLAND

TAX MAP BLOCK PARCEL _____

SUBDIVISION: _____

SECTION: _____

LOT: _____

STREET ADDRESS: 12570 SARGENTVILLE RD

LATITUDE 39.170998

LONGITUDE 76.947241

* TYPE OF WELL BEING ABANDONED:

DRILLED

JETTED

HAND DUG

OTHER (specify) _____

* USE CODE:

DOMESTIC

MUNICIPAL/PUBLIC

INDUSTRIAL

TEST/OBSERVATION

* TYPE OF CASING:

STEEL

CONCRETE

PLASTIC

OTHER (specify) _____

SIZE OF CASING: 6 INCHES IN DIAMETER

DEPTH OF WELL: 150 FEET DEEP

WAS ANY CASING REMOVED? YES NO

If yes, length removed, in feet: 6

WAS CASING RIPPED OR PERFORATED? YES NO

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE# 6003

MWD / MSD / MGS 1800 # Bentwaters Rural

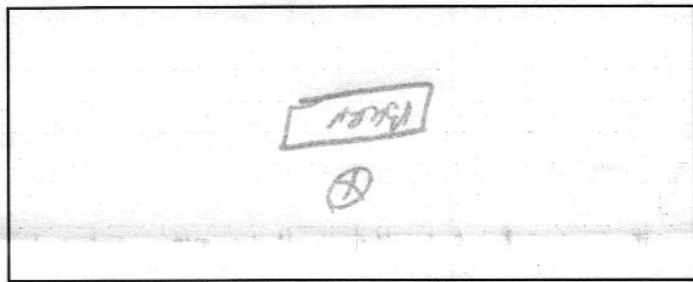
DATE 1-20-26

COUNTY

LOG OF SEALING MATERIAL

MATERIAL		FROM	TO
		FEET	
Bentwaters		150	4
DIRT		4	0
VOLUME OF MATERIAL USED			
1800 # Bentwaters Rural			

SITE LOCATION MAP



113012026
OK

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.

Phillips & Son Drilling Inc.
2624 Kaetzel Road
Knoxville, Maryland 21758
PH: 301-432-5755
Email: phillipssondrill@aol.com



Howard County Health Department
Date: November 14, 2025

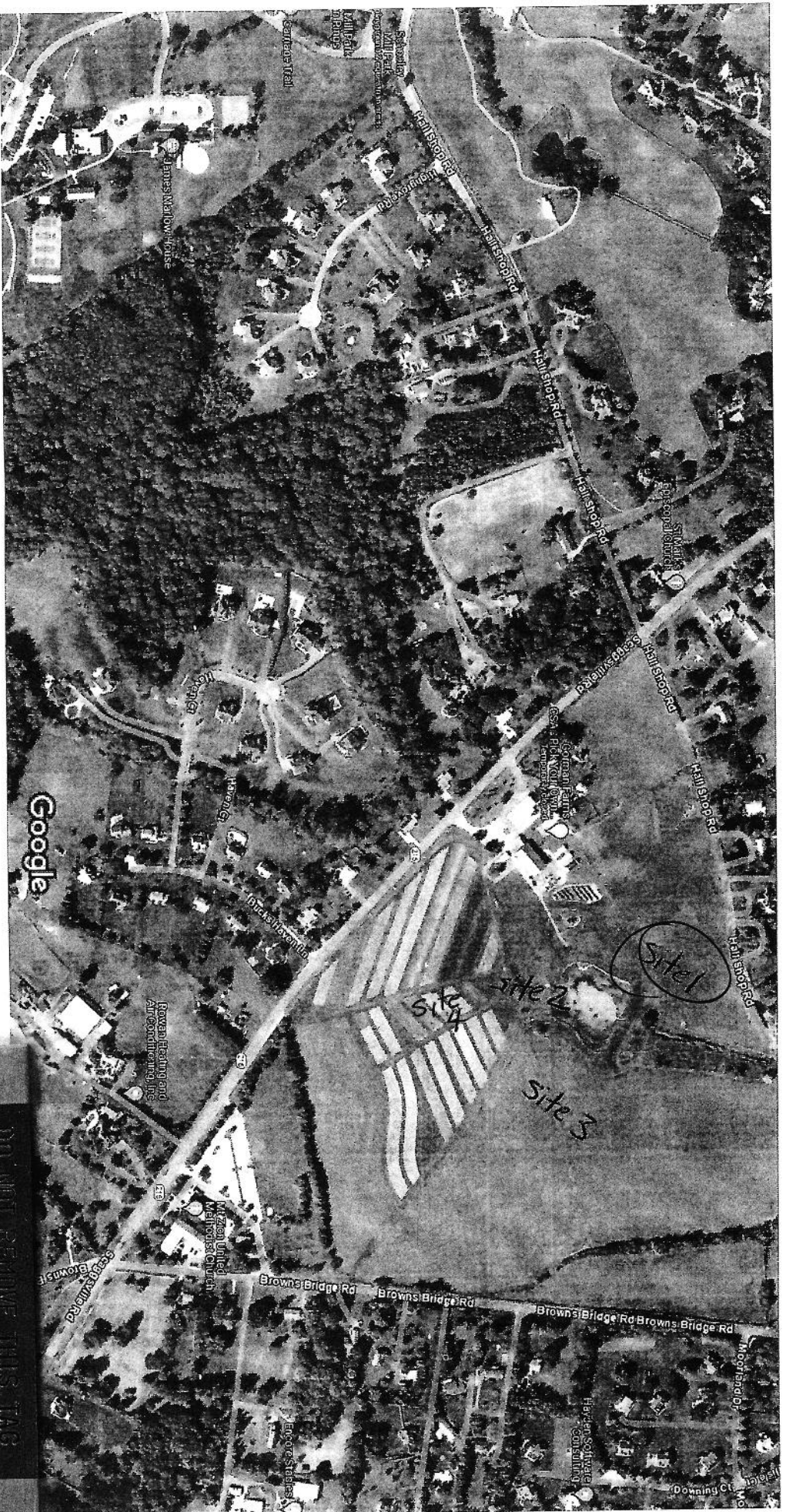
This letter is to confirm that the well located at 12570 Scaggsville Road Highland, MD 20777 drilled by Phillips & Son Drilling Inc. on 7/02/24 has not been grouted by Phillips & Son Drilling Inc. The owner was undecided whether he was going to use the well or abandoned the well months back. HE reached out last week for us to remove the temporary well pump that was in the well for the water sampling he had been performing on the well due to the high Iron, Iron Bacteria, Nitrates, and Sulfate Reducing Iron that is present in this well. Mr. Liker informed Mr. Phillips that the new drilling company he hired would be grouting or abandoning the well with well tag # HO-25-0001 whichever one he chooses. We have spent a lot of time trying to help him treat the old well and the new well due to the issues with the iron.

If you require any additional information, please feel free to contact our office.

Sincerely,
Cheyenne Phillips
Office Manager
Phillips & Son Drilling Inc.

Sincerely,
Brian & Franklin Phillips
Driller/Owner
Phillips & Son Drilling Inc.

OK. 11/18/2025
Kmw



Well site Approved

6/21/2024

(Handwritten signature/initials)

Imagery ©2024

Google

DO NOT REMOVE THIS TAG
DEPARTMENT OF THE ENVIRONMENT
WELL PERMIT NUMBER
HO-23-0001
INFORMATION NUMBER AND WRITE
1390 WASHINGTON BLVD
BALTIMORE, MARYLAND 21230

Page, Shepsura

From: Cheyenne Phillips <phillipssondrill@aol.com>
Sent: Monday, April 28, 2025 4:59 PM
To: Page, Shepsura
Subject: Re: 12570 Scaggsville Road Well Permit

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Shepsura,

OK, let me know. I believe there was miscommunication on this well permit, because we do not drill without a permit. In the 25yrs I have been working in this industry Franklin & Brian Phillips do not drill a well without a permit in hand or unless there has been a verbal approval. I believe Brian Phillips misunderstood the conversation that was had that day at Mr. Liker's property he was under the impression that you were issuing the permit once you returned to the office that day and that you had gave him permission to start drilling, the property owner Mr. Liker was under the same impression as he had stated the other day on the phone. I have called and emailed you and spoke with you about this well that was drilled last year a few times. Hopefully we can get this resolved quickly. Please let me know what is needed next to proceed with getting a well on Mr. Liker's property. I have listed the information below that you have requested. Thank you and have a wonderful day!

Date Started & Finished Drilling: 7/2/24-7/2/24

Well Depth: 150ft

Steel Casing: 40ft

Depth to Bedrock: 20ft

Water Bearing Zones: 115ft-118ft 40+gpm

We have not done a yield test the owner wanted to have water tested at lab before making the decision to keep the well or move location. As of today, he would like to move the well location due to this well having Nitrates, Iron Bacteria, and Sulfate Reducing Bacteria is present in the new well. The VOC's are not present in this well. He would like to have a well that does not have any VOC's, Nitrates, Iron Bacteria, and Sulfate Reducing Bacteria present. As you know all of these issues can be treated and I'm not sure if you well end up with a well in this area without any of issues I have listed above. The well he is currently using has Water Treatment installed and when tested it comes back non-detect.

Cheyenne Phillips
Office Manager

Phillips & Son Drilling Inc.
2624 Kaetzel Road Knoxville, MD 21758
301-432-5755 Office

On Thursday, April 24, 2025 at 04:29:37 PM EDT, Page, Shepsura <spage@howardcountymd.gov> wrote:

Cheyenne,

I need to speak with my Supervisor and Deputy Director further prior to giving you any more guidance. We'll have to cancel the meeting at the Health Department Office until further notice. I'm hoping the meeting will not be needed and we can go with our original plan but cannot make any promises. I'm very sorry for the confusion with this site and for all of the back and forth.

Additionally, I have a few questions regarding the drilled well(s) since we were not onsite during drilling operations.

When did you start drilling each location?

Depth to bedrock?

Casing Depth?

Water Bearing Fracture Depth?

Did you do a pump test? If so what is the yield? Pump depth? Static Water level? Draw down depth?

I will be out of the office tomorrow, but you can reach my cell at 240-899-8809 if you would like to discuss further. Again I apologize for any stress.

Shepsura Page, EH Specialist

Well & Septic Program

Howard County Health Department

8930 Stanford Blvd.

Columbia, MD 21045

410-313-1789 (Office)

410-313-2648 (Fax)

www.hchealth.org

spage@howardcountymd.gov



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From: Page, Shepsura
Sent: Thursday, April 24, 2025 9:31 AM
To: Cheyenne Phillips <phillipssondrill@aol.com>
Subject: RE: 12570 Scaggsville Road Well Permit

Cheyenne,

Apologies for the confusion, I was under the impression that Ramar Martin had granted approval for the test wells. Do you remember who granted approval? Did you have a permit prior to drilling the test well?

Thanks,

Shepsura Page, EH Specialist

Well & Septic Program

Howard County Health Department

8930 Stanford Blvd.

Columbia, MD 21045

410-313-1789 (Office)

410-313-2648 (Fax)

www.hchealth.org

spage@howardcountymd.gov



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From: Cheyenne Phillips <phillipssondrill@aol.com>

Sent: Wednesday, April 23, 2025 3:25 PM

To: Page, Shepsura <spage@howardcountymd.gov>
Cc: Martin, Ramar <rmartin@howardcountymd.gov>
Subject: Re: 12570 Scaggsville Road Well Permit

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Shepsura,

Thank you for your response the other locations that was previously chosen have never been used the first well that was drilled last year was the only well we have drilled on that property the property owner has been testing that well for iron-bacteria and sulfur reducing bacteria and is not happy with the results the well also has nitrates he is hoping to drill in a different area and not have any iron-bacteria, sulfur reducing iron or nitrates in the well. I will reach out to Ramar Martin is the number listed the best number to reach Ramar Martin at? Thank you and have a wonderful afternoon

[Sent from the all new AOL app for iOS](#)

On Wednesday, April 23, 2025, 12:43 PM, Page, Shepsura <spage@howardcountymd.gov> wrote:

Hi Cheyenne,

Is the well location for more test wells? If so, you'll have to discuss locations with Ramar Martin (cc'd)

Thanks,

Shepsura Page, EH Specialist

Well & Septic Program

Howard County Health Department

8930 Stanford Blvd.

Columbia, MD 21045

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From: Cheyenne Phillips <phillipssonrill@aol.com>
Sent: Wednesday, April 23, 2025 12:25 PM
To: Page, Shepsura <spage@howardcountymd.gov>
Subject: 12570 Scaggsville Road Well Permit

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good morning, can you give me a call on my cell 301-988-4036 to discuss the well permit for Scaggsville Road Dave Liker he would like to move well locations to a different area of the property from the locations that we have already picked out. Thank you and have a wonderful day

[Sent from the all new AOL app for iOS](#)

Page, Shepsura

From: Martin, Ramar
Sent: Monday, July 22, 2024 9:10 AM
To: Page, Shepsura
Subject: RE: 12570 Scaggsville Rd Highland Md Wells

Importance: High

Morning Shep,

Do you have the original file for this property with the initial monitoring well permits that you approved? If so, please place in on my chair so I can review it.

In addition, do you see any issues with the location being moved?

Ramar Martin
Community Hygiene Program Supervisor
Bureau of Environmental Health
Howard County Health Dept.
8930 Stanford Blvd. Columbia, MD 21045
410-313-2694 (Ofc)
410-313-2648 (Fax)
www.hchealth.org



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From: Page, Shepsura <spage@howardcountymd.gov>
Sent: Monday, July 15, 2024 3:42 PM
To: Martin, Ramar <rmartin@howardcountymd.gov>
Subject: RE: 12570 Scaggsville Rd Highland Md Wells

OK, sounds good.

From: Martin, Ramar <rmartin@howardcountymd.gov>
Sent: Monday, July 15, 2024 3:12 PM
To: Page, Shepsura <spage@howardcountymd.gov>
Subject: RE: 12570 Scaggsville Rd Highland Md Wells

Let's chat about it tomorrow so you can follow-up with them. The file is at the office. Ok?

Ramar

From: Page, Shepsura <spage@howardcountymd.gov>
Sent: Monday, July 15, 2024 1:53 PM

To: Martin, Ramar <rmartin@howardcountymd.gov>
Subject: FW: 12570 Scaggsville Rd Highland Md Wells

Hey Ramar, the driller wants to change locations for the test wells at 12570 Scaggsville Rd. Is this ok?

From: Cheyenne Phillips <phillipssondrill@aol.com>
Sent: Monday, July 15, 2024 11:46 AM
To: Page, Shepsura <spage@howardcountymd.gov>
Subject: 12570 Scaggsville Rd Highland Md Wells

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good morning, I believe you was out to the property at 12570 Scaggsville Road for the well location 2 of the site we are not able to drill on do to the ground formation we was unable to keep it open. I have attached a drawing where the owner would like to try that would be site 4. Please let me know if this location is ok. My cell number is 301-988-4036. Thank you.

Cheyenne Phillips
Office Manager

6/20/2024-

Phone conversation w/ Cheyenne from Philips & Son Drilling. Homeowner currently working w/ MDE for treatment of wells. Well has high Benzenes. Well has 100' of steel casing & depth @ 350'. SP

6/21/2024-

Met onsite w/ Philip & Sons drillers & Homeowner. Ex Ag well has carbon filtration due to high benzenes. In contact w/ MDE Kathleen.Thompson1@maryland.gov (443-472-7368). Homeowner would like multiple locations to test water prior to putting into use (test wells). Staked out 4 locations (see attached plan from drillers). Told drillers well locations look ok. Told drillers I would grant approval once well permit & site plan received. SP/MB

7/15/2024-

Received email from Philips & son drilling that well location 2 was difficult to keep open & would like to try site 4 . Phone conversation also stated loc 1 & 3 not good. Spoke w community hygiene about locations (see attached email) *only 1 loc.*

7/24/2024²

Received email from Philips & Son Drilling stating well permit & site plan was mailed Friday June 21st. SP

7/26/2024²

Received Well Permit & Payment from Philips & Son Drilling.