

C1 08108

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.

COUNTY NUMBER 4 532 523

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

ST/CO USE ONLY DATE Received MM 04 DD 02 YY 13

DATE WELL COMPLETED MM 03 DD 03 YY 12 15 20

Depth of Well 22 120 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 140-95-2225 OK 8/2/16 SC

OWNER Conn ERIC WELL SITE ADDRESS last name OFF SCAYGSVILLE RD. first name MS 216 TOWN SCAYGSVILLE MD SUBDIVISION The ERIC Conn Property SECTION LOT 4

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

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 13 NO. OF POUNDS 1300

CASING RECORD casing types insert appropriate code below (ST) (CO) (PL) (OT) MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 44

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

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

DEPTH (nearest ft.) 1 2 HO 42 120 E A C H S C 3 R E E N SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

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

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 10 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 15 ft. WHEN PUMPING 24 ft. TYPE OF PUMP USED (for test) (S) submersible

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (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.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) (+) above () below LAND SURFACE 2 (nearest foot)

LATITUDE 3 9.09675 16130 LONGITUDE 7 6.56292 938315 (DEFAULT COORD. WGS 84) NOTES:

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) (N) CIRCLE APPROPRIATE LETTER 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 117 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)

B 1 0963

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-2225

536029 please type

fill in this form completely

Date Received (APA) 11 10 11

OWNER INFORMATION

Owner: Eric Cown, 17701 Huntmaster Ct., Woodbine MD, 21797

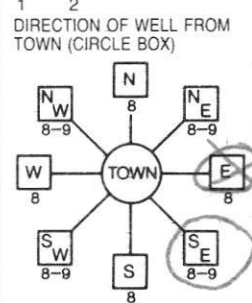
LOCATION OF WELL

Howard County, The Eric Cown Property, Highland, 2 miles from town

DRILLER INFORMATION

Driller: Ralph Mayne, License No. M 5 D 117, Firm: Ralph C. Mayne Well Drilling, 17024 Handy Rd. N.H. Aring MD, 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Scaggsville Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) East (E), Distance from road: 1,100 ft

WELL INFORMATION

APPROX. PUMPING RATE: 5 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED: 500 GAL. PER DAY

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard County, A532523

STATE SIGNATURE: Brian Baker, DATE ISSUED: 11/28/2011, EXP. DATE: 11/28/2012

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Domestic Potable Supply & Residential Irrigation (D) - circled

APPROXIMATE DEPTH OF WELL: 150 FEET

APPROXIMATE DIAMETER OF WELL: 6 inches

METHOD OF DRILLING (circle one)

AIR-ROTary (circled), JETTED, ROTARY (Hydraulic Rotary), CABLE, REVERSE-ROTary, DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL (N) - circled

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER: G

PERMIT No. HO-95-2225

SPECIAL CONDITIONS

Radium Sample Needed

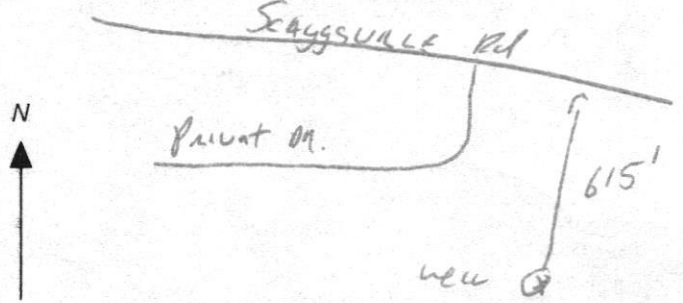
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

E 484, N 818

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



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: Fogles Well Pump & Water Treatment LLC Telephone #: 410 795 8676
Address: 580 Obrecht Rd
S. KESWICK, 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): David C. Fogle License #: MSD 226

*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: BHBC Telephone #: _____
Subdivision: FULTON WOODS Lot #: 4 Well Tag #: HO-05-2225 (SD)
Site Address: 12255 Blue Sky Evening Way
Fulton, MD 20754

Submersible Pump Data
Make: Ewold
Model #: 7MS05422
Pump Capacity: 7
Well Yield: 10 gpm

Pitless Adapter
Make: Campbell
Model #: NA
GPM Depth: 36" (36" min)
GPM NSF/WSC approved: YS

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

Depth of well encountered at time of pump installation: 120 (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 NA

Piping to house
Type: 1" copper pipe
PSI: 200/160 psi min
Depth of supply line: 36" (36" min)

House Connection
PVC sleeve to undisturbed soil at wall penetration: YS
Length of sleeve (5' minimum from foundation): 6'
Sleeve sealed properly: YS

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: David C. Fogle date: 10/7/2021

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

Date Insp. Requested: 10/8/21 Date Insp. Approved: 10/8/21 Inspector: (SD)
Inspection Data:
Pitless/adapter watertight & water supply line at least 36" below grade ✓ 38"
Two piece cap installed and attached to casing securely ✓
Elec. conduit extends at least 18" below grade/attached to cap properly ✓ 32"
Safety rope not outside of well cap/casing ✓
Correct well tag attached properly and casing 8" above finished grade ✓ 29"
Water supply line sleeved adequately at house connection ✓ 20"
Adequate grout observed below pitless adapter ✓

(Revised form 10/24/2018)



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – SEPTEMBER 16, 2022

March 16, 2022

Homeowner
12255 Blue Sky Evening Way
Fulton, MD 20759

**RE: Fulton Woods, Lot 4
12255 Blue Sky Evening Way
Building Permit: B21000796
Well Permit: HO-95-2225**

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 **12/7/2021**. Final approval of the well line connection to the dwelling was granted on **10/8/2021**. The well construction was completed on **3/3/2012**. Water samples were collected on **2/15/2022, 2/28/2022, 3/11/2022, 3/15/2022**.

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-95-2225. 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>



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

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,

A handwritten signature in black ink, appearing to read 'Kevin M. Wolf', is written over a light blue horizontal line.

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

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

Penny E. Borenstein, M.D., M.P.H., Health Officer

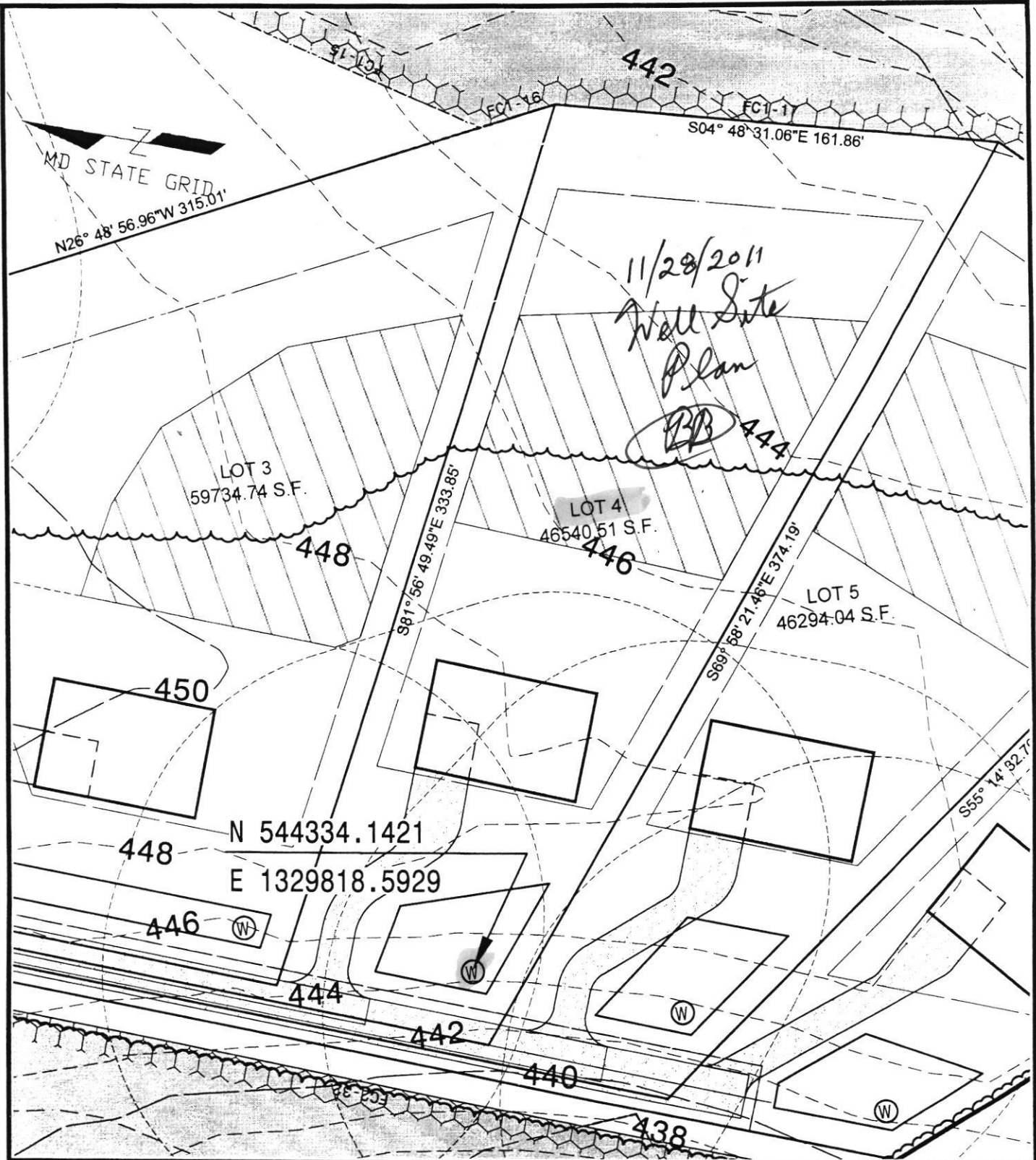
ATTENTION WELL DRILLERS!!!

When submitting a well application for a new or replacement well, please indicate one of the following:

- The well site has been staked by DWPR LLC on NOV 6 2011 and is ready for site inspection.
- _____ will call the Health Department for a time to meet in the field to verify a well location.
- Site plan for new well is attached to well permit application.

Please attach this sheet when submitting your green application. This should help improve communication allowing a more timely service for our citizens.

KN OWNER NAME - ERIC Conn
Sub-NAME - ERIC Conn Property
Lot # ~~Parcel~~ Parcel A. -
Lot # 3
Lot # 4
Lot # 5
Lot # 6



11/28/2011
Well Site
Plan
BB 444

LOT 3
59734.74 S.F.

LOT 4
46540.51 S.F.

LOT 5
46294.04 S.F.

N 544334.1421
E 1329818.5929

WELL LOCATION PLAN
ERIC CONN PROPERTY
LOT 4

PARCEL 199, TAX MAP 41, GRID 13
5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

PREPARED BY :

1" = 50'
SCALE :

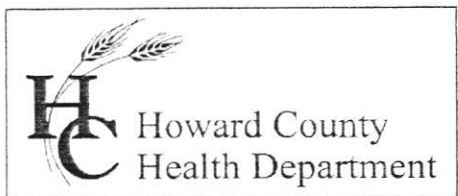
10-28-11
DATE :

CONTRACT No.

FILE No.



DO NOT REMOVE THIS TAG
DEPARTMENT OF THE ENVIRONMENT
WELL IDENT NUMBER
HQ-20-0145
REPRODUCTION OF THIS NUMBER AND WHITE
TAG AND MARKING ON B.L.P.
BANKSIDE MARYLAND 1120



Bureau of Environmental Health
7178 Gateway Drive 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. Beilenson, M.D., M.P.H., Health Officer

April 17, 2012

Mr Eric Conn
17701 Huntmaster Court
Woodbine, Maryland 21797

RE: Fulton Woods Lot 4
Scaggsville Road
Well Tag: HO - 95 - 2225

Dear Mr. Conn:

A sample was collected during a yield test on March 19, 2012 and submitted to the Department of Health & Mental Hygiene Laboratories to assess the possible presence of **Gross Alpha** and **Gross Beta** in the future well water supply. **Gross Alpha** and **Gross Beta** measure the total alpha and beta particle activity in a water supply. These naturally occurring radioactive nuclides have been demonstrated to be present in a certain type of geologic formation known as the Baltimore Gneiss which exists in your area of development within the County.

Results from this screening revealed a **Gross Alpha** of 3.0 ± 1.3 picocuries/liter (pCi/L), while the **Gross Beta** level was 4.0 ± 1.8 pCi/L. The **Gross Alpha** result was below its **maximum contaminant level (MCL)** of **15 pCi/L**, while the **Gross Beta** level was below its targeted value of **50 pCi/L** (roughly equivalent to the **annual dose rate** of **4 millirems/year**).

At the time of testing and with respect to these parameters, the future well water supply meets EPA regulatory standards. Additional testing for these parameters will **not** be necessary to help secure Use & Occupancy. However, please note that other standard testing parameters (bacteria, nitrate, turbidity and sand) will still be required to help secure Use & Occupancy.

A copy of the test results is enclosed for your information. Please call this office at **410-313-1773** if you have any further questions.

Sincerely,

A handwritten signature in cursive script that reads 'Bert Nixon'.

Bert Nixon, Director
Bureau of Environmental Health

Enclosure
cc: Barry Glotfelty, MDE Water Mgmt.
✓Well & Septic property file

Donald Carter

BHBC

443-681-2400

On Tue, Jan 4, 2022 at 4:50 PM Anest, Cathy <canest@howardcountymd.gov> wrote:

Hello,

The following description was added to the permit record in our database:

**1.4.2022 Per Health Department: Game room and optional den will have a 4' wide cased opening with no door **

This description will be included on the permit when it is issued.

Thank you.

Cathy

Send Report To:

Bert Nixon

State of Maryland
DHMH - Laboratories Administration
Division of Environmental Chemistry
RADIATION LABORATORY

201 W. Preston Street, Baltimore, Maryland 21201
John M. DeBoy, Dr. P. H., Director

E002343 E 2012

LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: H095 2225 No. B: Field Blank Bottle No. 1: FBKW32012 No B:

Plant/Site Name: Fulton Woods Lot (4) County: Howard

Sample Source: scaggsville Del. Location: H0-95-2225
(well no, lab sink, sample tap, etc.)

County: 1 3 Plant No.

CHECK (one per box)

Drinking Water	<input checked="" type="checkbox"/>
Landfill	<input type="checkbox"/>
Stream	<input type="checkbox"/>
Other	<input type="checkbox"/>

Community	<input type="checkbox"/>
Non-community	<input type="checkbox"/>
Private	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Source (raw water)	<input checked="" type="checkbox"/>
Distribution (treated)	<input type="checkbox"/>
MCL	<input type="checkbox"/>

Emergency	<input type="checkbox"/>
Routine	<input checked="" type="checkbox"/>
Recheck	<input type="checkbox"/>
Special	<input type="checkbox"/>

Collector: K. Wolf

Telephone No.: 410 313 2645

Date Collected: 3/19/12 *cont*

Time Collected: 11:30 a.m. p.m.

Nitric Acid Preserved: Yes No

Iced: Yes No

Submitters Code:

Federal Project:

Field Data: pH Chlorine

Remarks: Sample pH preserved to < 2.0

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
✓	Gross Alpha	4000	2343	3.0 ± 1.3	3/21/12	3/22/12
✓	Gross Beta	4100	2343	4.0 ± 1.8	"	"
	Radon-222 Bottle A	4004				
	Radon-222 Bottle B	4004				
	Field Blank #A	4004				
	Field Blank #B	4004				
	Tritium					
	Ra - 226	4020				
	Ra - 228	4030				
	Total Uranium	4006				

Date Received: 3/20/12

Supervisor: *mg*

•Tel. No.: (410) 767 - 5537 •Fax No.: (410) 333- 5373

Send Report To:

Bert Nixon

Howard County Health Department
Bureau of Environmental Health
7178 Columbia Gateway Drive
Columbia, Maryland 21046

State of Maryland
DHMH - Laboratories Administration
Division of Environmental Chemistry

RADIATION LABORATORY

201 W. Preston Street, Baltimore, Maryland 21201
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(well no, lab sink, sample tap, etc.)

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Landfill	<input type="checkbox"/>
Stream	<input type="checkbox"/>
Other	<input type="checkbox"/>

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MCL	<input type="checkbox"/>

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Nitric Acid Preserved: Yes No

Iced: Yes No

Submitters Code: Federal Project:

Field Data: pH Chlorine

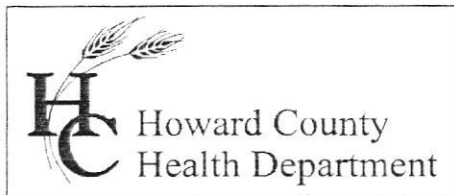
Remarks: Sample pH preserved to < 2.0

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
✓	Gross Alpha	4000				
✓	Gross Beta	4100				
	Radon-222 Bottle A	4004				
	Radon-222 Bottle B	4004				
	Field Blank #A	4004				
	Field Blank #B	4004				
	Tritium					
	Ra - 226	4020				
	Ra - 228	4030				
	Total Uranium	4006				

Date Received: / /

Supervisor:

•Tel. No.: (410) 767 - 5537 •Fax No: (410) 333- 5373



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

April 17, 2012

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Sincerely,



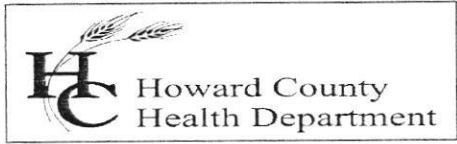
Bert Nixon, Director
Bureau of Environmental Health

Enclosure

cc: Barry Glotfelty, MDE Water Mgmt.
Well & Septic property file

ORIG MARCH 4/2

Invoice



Bureau of Environmental Health
 Attn: Bert Nixon, Director

DATE: MARCH 30, 2012
 DATE OF SERVICE: MARCH 19, 2012
 INVOICE #: 2012-005

7178 Columbia Gateway Drive,
 Columbia, MD 21046-2147
 Phone 410-313-2640 Fax 410-313-2648
 www.hchealth.org

BILL TO Mr. Eric Conn
 17701 Huntmaster Court
 Woodbine, Maryland 21797

COMMENTS Payment due upon receipt. Letter and results will be released upon receipt of payment.

DATE	DESCRIPTION	BALANCE	AMOUNT
03/19/2012	Gross alpha/beta testing performed for Fulton Woods, Lots 3, 4 & P.P.A. HO-95-2224, HO-95-2225 and HO-95-2228		\$135.00
			AMOUNT DUE
			\$135.00

Please detach and return with payment to Howard County Health Department.

REMITTANCE	
Invoice #	2012-005
Site Information	Fulton Woods, Lots 3,4 & P.P.A.
Amount Due	\$135.00
Amount Enclosed	

Make all checks payable to: **The Director of Finance**

Send Report To:

Rest Nixon

State of Maryland
DHMH - Laboratories Administration
Division of Environmental Chemistry
RADIATION LABORATORY
201 W. Preston Street, Baltimore, Maryland 21201
John M. DeBoy, Dr. P. H., Director

ED02343 02012

LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: H095 2225 No. B: Field Blank Bottle No. 1: FBKW32012 No B:

Plant/Site Name: Fulton Woods Lot (4) County: Howard

Sample Source: Seagoville P-d Location: H0-95-2225
(well no, lab sink, sample tap, etc.)

County: 1 3 Plant No.

CHECK (one per box)

Drinking Water
Landfill
Stream
Other

Community
Non-community
Private
Other

Source (raw water)
Distribution (treated)
MCL

Emergency
Routine
Recheck
Special

Collector: K. Wolf

Telephone No.: 410 213 2645

Date Collected: 3/19/12 *cont*

Time Collected: 11:30 a.m. p.m.

Nitric Acid Preserved: Yes No

Iced: Yes No

Submitters Code:

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Remarks: Sample pH preserved to < 2.0

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
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	Radon-222 Bottle B	4004				
	Field Blank #A	4004				
	Field Blank #B	4004				
	Tritium					
	Ra - 226	4020				
	Ra - 228	4030				
	Total Uranium	4006				

Date Received: 3/20/12

Supervisor: [Signature]

•Tel. No.: (410) 767 - 5537 •Fax No.: (410) 333- 5373

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #: 150502 Account #: 1933
Reference: Fulton Woods Lot 4 Client: Fogle's Well Pump & Treatment
Location: 12255 Blue Sky Evening Way Requested By: Dave Fogle
Fulton, MD 20759 Source: Well Water
Date/ Time Collected: 2/15/2022 1215 Site: Pressure Tank
Date/Time Rec'd: 2/15/2022 1520 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.6
Collected By: B. Wilkerson 9315BW Well #: HO-95-2225

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	2/16/2022 / 1020 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	2/16/2022 / 1020 / CRS
Nitrate	0.76	mg/L	10	Hach 10206	2/15/2022 / 1630 / CRS
Turbidity	87.6	NTU	<10	SM20 2130B	2/16/2022 / 0830 / TSD
Sand	>5	mg/L	5	Visual/Gravimetric	2/16/2022 / 0825 / TSD

NOTES:

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NTU = Nephelometric Turbidity Units
- 4 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 5 Sample collected by client, analyzed as received
- 6 ND = None Detected
- 7 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 8 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy
Building Permit # : B21000796

Date Reported: 2/16/2022

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #: 150720 Account #: 1933
Reference: Fulton Woods Lot 4 Client: Fogle's Well Pump & Treatment
Location: 12255 Blue Sky Evening Way Requested By: Dave Fogle
Fulton, MD 20759 Source: Well Water
Date/ Time Collected: 2/28/2022 1315 Site: Pressure Tank
Date/Time Rec'd: 2/28/2022 1441 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.5
Collected By: B. Wilkerson 9315BW Well #: HO-95-2225

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Iron	0.36	mg/L	0.3*	Hach 8146	3/1/2022 / 1050 / CRS
Turbidity	357	NTU	<10	SM2130B	3/1/2022 / 0830 / MEH
Sand	>5	mg/L	5	Visual/Gravimetric	3/1/2022 / 1100 / CRS

NOTES:

- 1 *SMCL = Secondary Maximum Contaminant Level
- 2 NTU = Nephelometric Turbidity Units
- 3 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 4 ND = None Detected
- 5 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 6 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy
Building Permit # : B21000796

Date Reported: 3/1/2022

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #: 150720.1 Account #: 1933
Reference: Fulton Woods Lot 4 Client: Fogle's Well Pump & Treatment
Location: 12255 Blue Sky Evening Way Requested By: Dave Fogle
Fulton, MD 20759 Source: Well Water
Date/ Time Collected: 2/28/2022 1315 Site: Pressure Tank
Date/Time Rec'd: 2/28/2022 1441 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.5
Collected By: B. Wilkerson 9315BW Well #: HO-95-2225

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Manganese	0.233	mg/L	0.05*	200.7	3/8/2022 / 1322 / MAP

NOTES:

- 1 * SMCL = Secondary Maximum Contaminant Level
- 2 Manganese Detection Limit: 0.010 mg/L
- 3 mg/L = milligrams per liter (also, parts per million)
- 4 Sample collected by client, analyzed as received
- 5 Sub-contracted to Reference Lab #192
- 6 ND = None Detected
- 7 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 8 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy
Building Permit # : B21000796

Date Reported: 3/8/2022

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #:	150917	Account #:	1933
Reference:	Fulton Woods Lot 4	Client:	Fogle's Well Pump & Treatment
Location:	12255 Blue Sky Evening Way Fulton, MD 20759	Requested By:	Dave Fogle
Date/ Time Collected:	3/11/2022 1100	Source:	Well Water
Date/Time Rec'd:	3/11/2022 1455	Site:	Pressure Tank
Chlorine ppm:	Free: ND Total: ND	Treatment:	Prior to Neutralizer/Softener
Collected By:	J. Evans 0309JE	pH:	5.7
		Well #:	HO-95-2225

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Sand	>5	mg/L	5	Visual/Gravimetric	3/11/2022 / 1600 / TSD

NOTES:

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 3 Sample collected by client, analyzed as received
- 4 ND = None Detected
- 5 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 6 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy

Building Permit # : B21000796

Date Reported: 3/14/2022

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #: 150918 Account #: 1933
Reference: Fulton Woods Lot 4 Client: Fogle's Well Pump & Treatment
Location: 12255 Blue Sky Evening Way Requested By: Dave Fogle
Fulton, MD 20759 Source: Well Water
Date/ Time Collected: 3/11/2022 1100 Site: Restroom Sink
Date/Time Rec'd: 3/11/2022 1455 Treatment: Neutralizer/Softener
Chlorine ppm: Free: ND Total: ND pH: 5.2
Collected By: J. Evans 0309JE Well #: HO-95-2225

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Iron	0.02	mg/L	0.3*	Hach 8146	3/11/2022 / 1600 / CRS
Turbidity	0.74	NTU	<10	SM2130B	3/11/2022 / 1545 / MEH

NOTES:

- 1 *SMCL = Secondary Maximum Contaminant Level
- 2 mg/L = milligrams per liter (also, parts per million)
- 3 NTU = Nephelometric Turbidity Units
- 4 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 5 Sample collected by client, analyzed as received
- 6 ND = None Detected
- 7 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 8 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy
Building Permit # : B21000796

Date Reported: 3/14/2022

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #: 150963 Account #: 1933
Reference: Fulton Woods Lot 4 Client: Fogle's Well Pump & Treatment
Location: 12255 Blue Sky Evening Way Requested By: Dave Fogle
Fulton, MD 20759 Source: Well Water
Date/ Time Collected: 3/15/2022 1437 Site: Pressure Tank
Date/Time Rec'd: 3/15/2022 1540 Treatment: Prior to Neutralizer/Softener
Chlorine ppm: Free: ND Total: ND pH: 5.3
Collected By: T. Cassell 0767TC Well #: HO-95-2225

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Sand	ND	mg/L	5	Visual/Gravimetric	3/15/2022 / 1640 / CRS

0.15

* 3/16/22 Spoke w/ Carrie @ Fogle's Well & Pump
she confirmed they raised pump to 70' depth and
purged well (time unknown).

Krus

NOTES:

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 3 Sample collected by client, analyzed as received
- 4 ND = None Detected
- 5 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 6 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy

Building Permit # : B21000796

Date Reported: 3/16/2022

Wolf, Kevin

From: Wolf, Kevin
Sent: Wednesday, March 9, 2022 10:24 AM
To: Donald Carter; Scott Hare
Cc: Carrie Condon
Subject: RE: Fulton Woods Lot 4- Well

My apologies, I was trying to reference Parcel A HO-20-0145. NOT Lot 3.

From: Wolf, Kevin
Sent: Wednesday, March 9, 2022 10:04 AM
To: Donald Carter <dcarter@bhbcmd.com>; Scott Hare <scotthare01@gmail.com>
Cc: Carrie Condon <Carrie@foglesinc.com>
Subject: RE: Fulton Woods Lot 4- Well

Mr. Carter,

This email is in response to the well at Lot 4 Fulton Woods. I spoke with Scott Hare over the phone the other day concerning the elevated turbidity and sand. I also had a conversation with Carrie at Fogle's. I explained to Scott that with the elevated sand currently, the well would need to be re-worked or re-drilled. COMAR does not allow for any deviation of sand. I would focus efforts to this issue first, which in turn, by re-working the well could clear up the turbidity. We already know that there is an elevated manganese which is contributing to the high turbidity but we do not know how much is contributing to the high turbidity. Unfortunately, there is nothing the Health Department can do until the resulting sand is below 5mg/L and the turbidity is below 10 NTU's. I can tell you that this well does resemble the well that was drilled on Lot 3. High turbidity including silts and suspended solids lead to a well that was cased to the bottom.

Kevin

From: Carrie Condon <Carrie@foglesinc.com>
Sent: Wednesday, March 2, 2022 9:16 AM
To: Scott Hare <scotthare01@gmail.com>; Wolf, Kevin <KWolf@howardcountymd.gov>
Subject: Fulton Woods Lot 4- Well

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

Good Morning Scott,

I just had a lengthy conversation with Kevin Wolf from the HCHD. Per regulations there is no deviation for turbidity and sand. HCHD will not be able to issue an ICOP without a raw passing sample for these. When there are turbidity and sand issues, this normally means that there are construction issues with the well.

Kevin stated these issues are similar to the issues with Fulton Woods Lot 3.

Once we receive the manganese samples back from the lab, we can discuss further options.

In the meantime, we are thinking you are either going to need to drill this well deeper, sleeve the well or drill a new well.

Another well drilling company was used for lot 3, but Fogle's would be willing to give you pricing and options if needed. Unfortunately, there is no simple, easy fix here due to the construction of the well and geology of the land in this area.

Scott, if you would like, Kevin has offered to speak with you on the phone or meet in person to discuss the well situation here. I think that would be a good option to help you better understand what is going on.

I will forward the manganese results as soon as I receive them from the lab! Kevin will be sending the well completion report as well so we can discuss options with our well drillers.

If you would like to speak with Theresa regarding well repair or well drilling options, let me know and I can get you in touch with her.

Carrie Condon

Fogle's Well Pump & Water Treatment, LLC

24 HR EMERGENCY SERVICE! 410-795-1535

www.fogleswellpump.com

"LIKE" us on Facebook!!

Oswald, Hank

From: Donald Carter <dcarter@bhbcmd.com>
Sent: Wednesday, January 5, 2022 2:32 PM
To: Oswald, Hank
Cc: Williams, Jeffrey; Wolf, Kevin
Subject: Re: Building permit #B21004489 - 12245 Blue Sky Evening Way
Attachments: 20220105_140532.jpg

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

Hi Hank,

The well cap and tag have been installed as requested. Please see the attached picture. Thanks.

With Much Respect,

Donald Carter
BHBC
443-681-2400

On Wed, Jan 5, 2022, 12:22 PM Donald Carter <dcarter@bhbcmd.com> wrote:
Hi Hank,

The plan updates have been filed as requested and DILP has uploaded a copy for your review. The well driller is in route to put on the cap and tag and expects to be on-site about 2pm. I will upload a picture of the well cap and tag. If an inspection is needed please schedule it for tomorrow early am. Thanks.

With Much Respect,

Donald Carter
BHBC
443-681-2400

On Wed, Jan 5, 2022 at 9:39 AM Oswald, Hank <hoswald@howardcountymd.gov> wrote:

Hi Mr. Carter:

Could you forward a copy of the permit when it has been issued? I would like add a copy of it to the file. Also, the well completion report is still under review, and the well driller was contacted to install a well cap and tag on the new well. Once we have an approved well completion report and the cap and tag have been installed, we should be able to sign off on the building permit.

Should you have any questions, please don't hesitate to ask.

Thanks,

Hank

Hank Oswald, L.E.H.S.

Howard County Health Department

Well & Septic Program

410.313.1786

hoswald@howardcountymd.gov

From: Donald Carter <dcarter@bhbcmd.com>

Sent: Wednesday, January 5, 2022 7:35 AM

To: Anest, Cathy <canest@howardcountymd.gov>

Cc: Oswald, Hank <hoswald@howardcountymd.gov>; Williams, Jeffrey <jewilliams@howardcountymd.gov>

Subject: Re: Building permit #B21004489 - 12245 Blue Sky Evening Way

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

Thanks so much Cathy!

With Much Respect,