

C1 36485

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 A 520385

DATE RECEIVED MM DD YY 11 03 15

DATE WELL COMPLETED MM DD YY 10 27 2015

DEPTH OF WELL 22 100 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" Ho - 15 - 0150

OWNER Bassler Venture LLC, WELL SITE ADDRESS Lenders Ct, TOWN Clarksville, SUBDIVISION Walnut Creek Phase 4, SECTION 4, LOT 125

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Clay, Sand, Mica Rock, and Water 85'.

GROUTING RECORD section with fields for YES/NO, CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS (8), NO. OF POUNDS (752), GALLONS OF WATER (48), DEPTH OF GROUT SEAL.

CASING RECORD section with fields for MAIN CASING TYPE (ST), Nominal diameter (6 inch), Total depth (29 feet).

OTHER CASING (if used) section with fields for diameter (4 inch) and depth (10 to 100 feet).

SCREEN RECORD section with fields for screen type (ST), BRASS (BR), OPEN HOLE (HO), PLASTIC (PL), OTHER (OT).

NUMBER OF UNSUCCESSFUL WELLS: 0, WELL HYDROFRACTURED: YES (Y)

CIRCLE APPROPRIATE LETTER: A (Abandoned and sealed), 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...

DRILLERS LIC. NO. MSD 117, DRILLERS SIGNATURE, LIC. NO. AS D 0 2 7

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

DEPTH (nearest ft.) table with rows for casing height and slot size, and DIAMETER OF SCREEN (NEAREST INCH) from 56 to 68.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T O (E.R.O.S.) W Q

PUMPING TEST section with fields for HOURS PUMPED (3), PUMPING RATE (20 gal. per min.), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (distance from land surface) BEFORE PUMPING (22 ft), WHEN PUMPING (29 ft), TYPE OF PUMP USED (for test) S (submersible)

PUMP INSTALLED section with fields for DRILLER INSTALLED PUMP (YES/NO), TYPE OF PUMP INSTALLED (S), PLACE (A,C,J,P,R,S,T,O) IN BOX 29, CAPACITY: GALLONS PER MINUTE (31 to 35), PUMP HORSE POWER (37 to 41), PUMP COLUMN LENGTH (nearest ft.) (43 to 47), CASING HEIGHT (circle appropriate box and enter casing height) (+ above, - below) LAND SURFACE (2 (nearest foot))

LATITUDE 39.23436, LONGITUDE 76.94417 (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 1 28695

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

Ho-15-0150

fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

BASSLER Venture LLC

15 Last Name Owner First Name 34

80 Box 482

36 Street or RFD 55

Lis Bow run 21765

57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

Howard COUNTY

Walnut Creek Phase 4

23 SUBDIVISION 42

SECTION 4 LOT 125

CLARKSVILLE

52 NEAREST TOWN 71

DRILLER INFORMATION

Ralph Mayne M S D 117

Driller's Name 76 License No. 81

Ralph Mayne Well Drilling

Firm Name

17024 Handy Rd Mt. Airy Md 21771

Address

Signature Date 9/18/15

Signature Date

B 4

SOURCES OF DRILLING WATER

- 1. well
- 2.
- 3.

Lindera Ct

11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 160 37

DISTANCE FROM ROAD

ENTER FT OR MI 38 39

TAX MAP: 28 BLK: PARCEL 49

B 2 WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME 13 A520385 COUNTY NO.

STATE SIGNATURE INSERT S 41

DATE ISSUED 9/25/15 CO SIGNATURE S.H. Williams EXP. DATE 9/25/16

43 MM DD YY 48

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

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

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 64 NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
- AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
- CABLE REVERSE-ROTary Drive-POINT
- other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

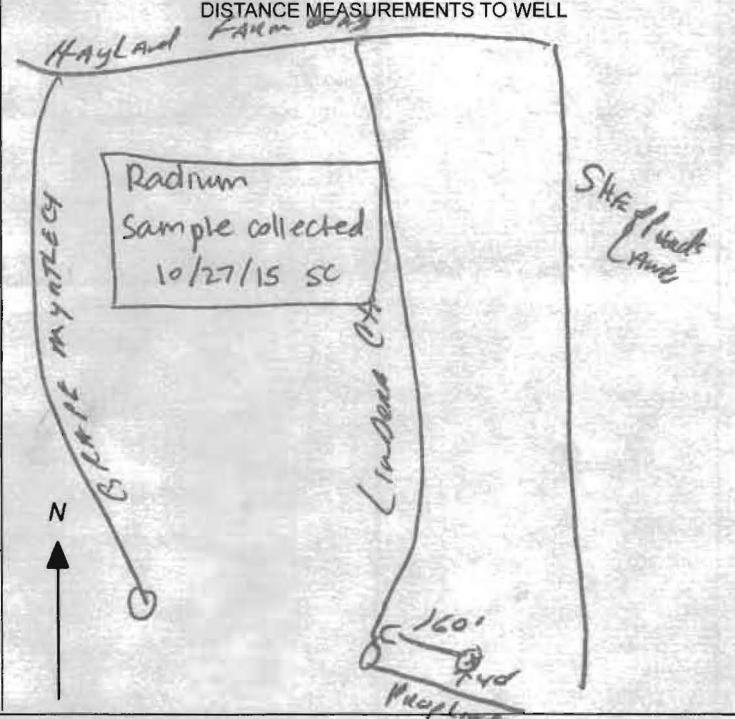
- THIS WELL WILL NOT REPLACE AN EXISTING WELL
- THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- THIS WELL WILL DEEPEM AN EXISTING WELL

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 H02006G020

PERMIT No. HO-15-0150



SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Wells must be 100' apart. Radium sample read at yield.

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: Tri County Pump Service, Inc Telephone #: 301-432-0330
Address: 6711 Old National Pkwy
Brownshoro, Md 21713

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

License # and name of individual responsible for the field installation:
Name (Print): _____ License# 20135

*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. Licensar may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: Craftmark Homes Telephone #: 703-932-0573
Subdivision: Walnut Creek Lot #: 125 Well Tag #: HO-15-0150
Site Address: 5058 Linders Ct
Ft Belknap City Md 21742

Submersible Pump Data

Make: Sinks
Model #: STP4H50521
Pump Capacity: 7 GPM
Well Yield: 20 GPM

Pitless Adapter

Make: American Grant
Model #: PT-804
Depth: 36 (36" min)
NSF/WSC approved: YES

Well Cap and Electric Conduit

Two piece watertight cap: YES
Screened, vented well cap: NO
Cap secured to casing: YES
Conduit min 18" B.G.: YES

Depth of well encountered at time of pump installation: 100 (feet) Conduit secured to well cap: YES

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: Poly
PSI: 200 (160 psi min)
Depth of supply line: 36" (36" min)

House Connection

PVC sleeve to undisturbed soil at wall penetration: YES
Length of sleeve (5' minimum from foundation): 20
Sleeve sealed properly: YES

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: William H. H. date: 3-21-2017

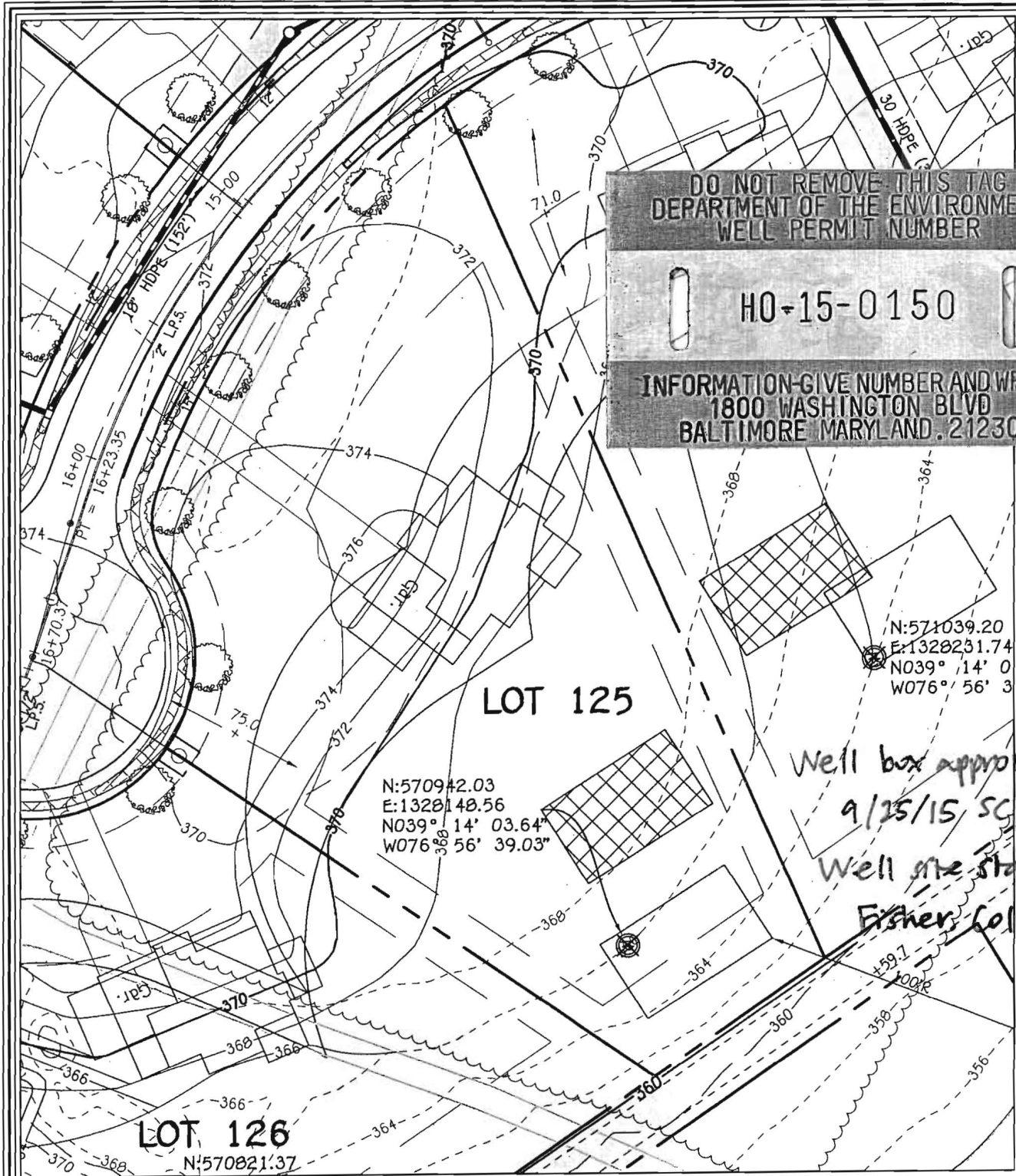
For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 3/22/17 Date Insp. Approved: 3/22/17 Inspector: SC

- Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade
- Two piece cap installed and attached to casing securely
- Eleo. 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

under footer

I:\2004\04001\dwg\PHASE FOUR FINALS\04001 Phase Four FINAL WELL MAPS.dwg, 9/1/2015 2:56:13 PM, 1:1



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

HO-15-0150

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

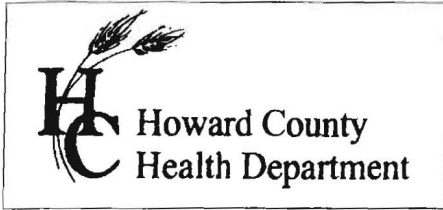
Well box approved
 9/15/15 SC
 Well site staked by
 Fisher, Collins, +
 Carter

WELL LOCATION INFORMATION:
 NORTHING = 570942.03 EASTING = 1320140.56
 LATITUDE = N 39° 14' 04" LONGITUDE = W 76° 56' 39"

**LOT 125 WELL MAP
 WALNUT CREEK
 PHASE FOUR**

Lots 23 - 60, Non-Buildable Preservation Parcels
 'C', 'G', 'I', 'K', 'L' And 'M', Buildable Bulk Parcels 'E' And 'H'
 & Non-Buildable Parcel 'J'
 ZONED: RC-DEO & RR-DEO
 TAX MAP No. 28 GRID Nos. 4, 5, 10-12, 17, AND 18 PARCEL No. 49
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 DATE: SEPTEMBER 1, 2015 SCALE: 1"=50'

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21042
 (410) 461 - 2255



7178 Columbia Gateway Dr., 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. Bielson, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

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

Well Site Location:

Walnut Creek	125	Lindera Court
Subdivision/Property Name	Lot #	Road Name

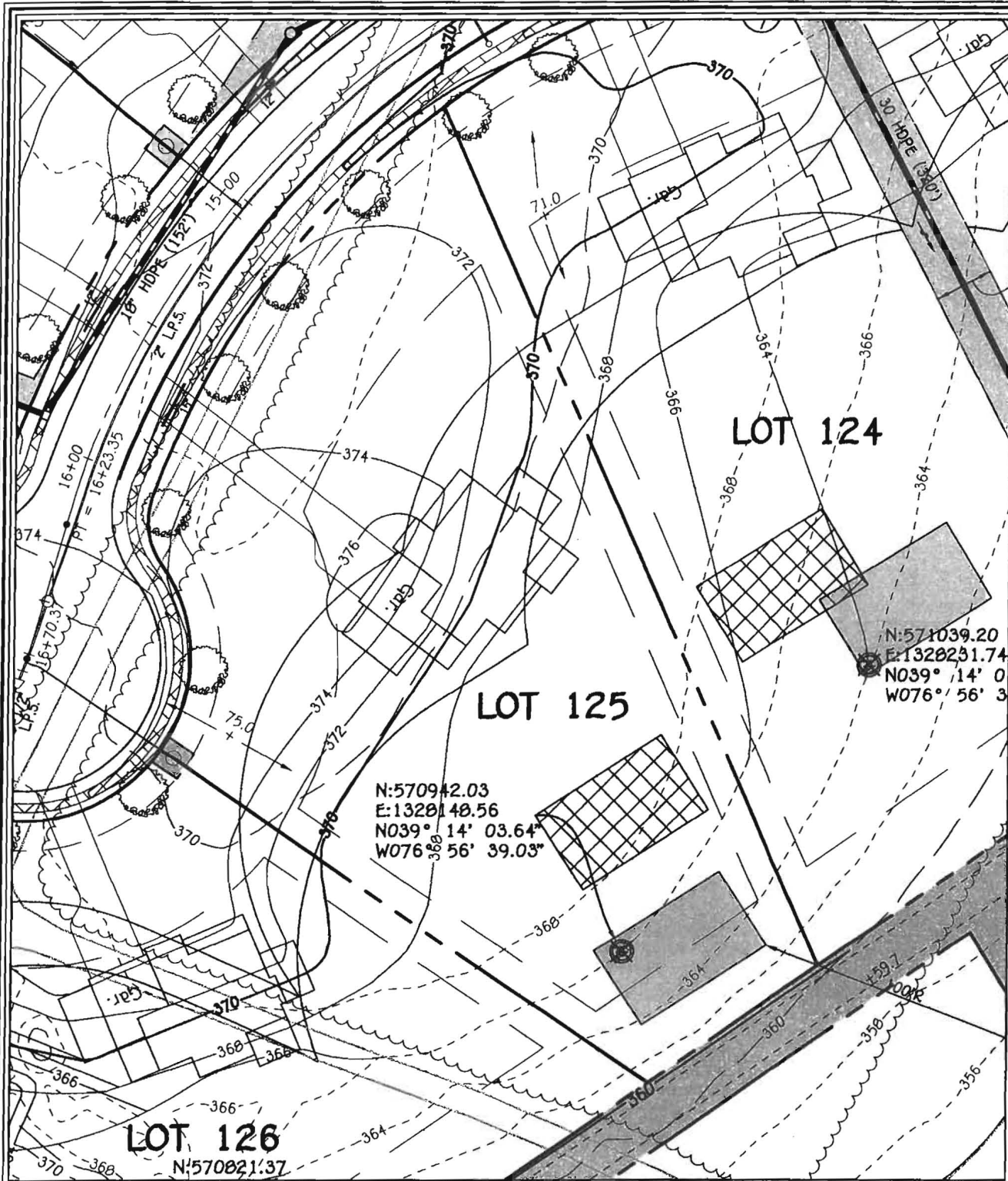
- The well site has been staked by Fisher, Collins and Carter, Inc.,
 (professional land surveyor or company employing professional land surveyors)
 on 09/17/15 (date) and does not require a site inspection.

- 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 3/11/07

I:\2004\04001\dwg\PHASE FOUR FINALS\04001 Phase Four FINAL WELL MAPS.dwg, 9/1/2015 2:56:13 PM, 1:1



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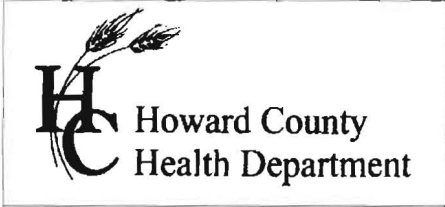
LOT 125 WELL MAP
WALNUT CREEK
PHASE FOUR

Lots 23 - 60, Non-Buildable Preservation Parcels
 'C', 'G', 'T', 'K', 'L' And 'M', Buildable Bulk Parcels 'E' And 'H'
 & Non-Buildable Parcel 'J'
 ZONED: RC-DEO & RR-DEO

TAX MAP No. 20 GRID Nos. 4, 5, 10-12, 17, AND 18 PARCEL No. 49
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 DATE: SEPTEMBER 1, 2015 SCALE: 1"=50'

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461 - 2055



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Revised 3/11/07



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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

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

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Maura Rossman, M.D., Health Officer

January 11, 2016

Bassler Venture
Attn. Tim Feaga
15950 North Avenue, P.O. Box 482
Lisbon, Maryland 21765

RE: Walnut Creek Lot 125
Lindera Court
Well Tag: HO - 15 - 0150

Dear Mr. Feaga:

A sample was collected during a yield test on October 27, 2015 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 $< 2.0 \pm 0.0$ picocuries/liter (pCi/L), while the **Gross Beta** level was $< 4.0 \pm 0.0$ 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 required to secure the future Use & Occupancy. **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 black ink that reads 'Bert Nixon'.

Bert Nixon, Director

Bureau of Environmental Health

✓ Enclosure

cc: Property file

SEND REPORT TO: Bert Nixon
 Howard Co. Health Dept.
 Bureau of Environmental Health
 2430 Stanford Blvd.
 Columbia, MD 21045

State of Maryland
 DHMH - Laboratories Administration
 Division of Environmental Chemistry
RADIATION LABORATORY
 1770 Ashland Avenue
 Baltimore, Maryland 21205

Lab No.
 E000703 8282

LABORATORY ANALYSIS REQUEST FORM

Plant/Site Name: Walnut Creek - Lot 125 County: Howard

Sample Source: Lindera Court Location: HO-15-0150

(Well no., lab sink, sample tap, etc.)

Radon-222 Bottle A _____ Radon-222 Field Blank Bottle A _____
 Bottle B _____ Bottle B _____

County 13 Plant No.

--	--	--	--	--	--	--	--	--	--

CHECK (one per Box)

Type	Service	Point of Collection	Testing
Drinking Water <input checked="" type="checkbox"/>	Community <input type="checkbox"/>	Source (Raw) <input checked="" type="checkbox"/>	Emergency <input type="checkbox"/>
Landfill <input type="checkbox"/>	Non-Community <input type="checkbox"/>	Distribution (treated) <input type="checkbox"/>	Routine <input checked="" type="checkbox"/>
Stream <input type="checkbox"/>	Private <input checked="" type="checkbox"/>	MCL <input type="checkbox"/>	Recheck <input type="checkbox"/>
Other _____ <input type="checkbox"/>	Other _____ <input type="checkbox"/>		Special <input type="checkbox"/>

Submitters Code:

--	--

 Federal Project: 5

Collector: S. Collins Telephone No.: 410-313-6287

Date Collected: 10/27/15 Time Collected: 10 a.m. _____ p.m.

Field pH: _____ Field Chlorine: _____

Nitric Acid Preserved: Yes No Iced: Yes No

Remarks: Sample taken during yield

<input checked="" type="checkbox"/>	TEST	EPA Code	Lab No.	Method No.	Results (pCi/L)	Date Analyzed	Analyst	Date Reported
<input type="checkbox"/>	Gross Alpha	4000	0703	EPA 900.0	< 2.0	10/30/15	JJ	11/6/15
<input type="checkbox"/>	Gross Beta	4100	0703	EPA 900.0	< 4.0	10/30/15	JJ	11/6/15
<input type="checkbox"/>	Radium-226	4020						
<input type="checkbox"/>	Radium-228	4030						
<input type="checkbox"/>	Total Uranium	4006						
<input type="checkbox"/>	Radon-222 (Bottle A)	4004						
<input type="checkbox"/>	Radon-222 (Bottle B)	4004						
<input type="checkbox"/>	Radon Field Blank A	4004						
<input type="checkbox"/>	Radon Field Blank B	4004						
<input type="checkbox"/>	Tritium							
<input type="checkbox"/>								
<input type="checkbox"/>								

Date Received: 10/28/15 Received By: In JJ

Data Release Signature: D. Leach Miller - Jack Date: 11/6/15

Lab Use Only	Yes	No	N/A
Sample Intact upon arrival?	<input checked="" type="checkbox"/>		
Sample pH < 2.0?	<input checked="" type="checkbox"/>		
Received within holding time?	<input checked="" type="checkbox"/>		

•Tel. No.: (443) 681-3766 •Fax No.: (443) 681-4507

SEND REPORT TO: Bert Nixon
 Howard Co Health Dept
 Bureau of Environmental Health
 9920 Stanford Blvd.
 Columbia, MD 21045

State of Maryland
 DHMH - Laboratories Administration
 Division of Environmental Chemistry
RADIATION LABORATORY
 1770 Ashland Avenue
 Baltimore, Maryland 21205

Lab No.
 E000700 1120

LABORATORY ANALYSIS REQUEST FORM

Plant/Site Name: Field Blank County: Howard

Sample Source: dH₂O Location: HCMD Lab
(Well no., lab sink, sample tap, etc.)

Radon-222 Bottle A _____ Radon-222 Field Blank Bottle A _____
 Bottle B _____ Bottle B _____

County Plant No.

CHECK (one per Box)

Type	Service	Point of Collection	Testing
Drinking Water <input checked="" type="checkbox"/>	Community <input type="checkbox"/>	Source (Raw) <input checked="" type="checkbox"/>	Emergency <input type="checkbox"/>
Landfill <input type="checkbox"/>	Non-Community <input type="checkbox"/>	Distribution (treated) <input type="checkbox"/>	Routine <input checked="" type="checkbox"/>
Stream <input type="checkbox"/>	Private <input checked="" type="checkbox"/>	MCL <input type="checkbox"/>	Recheck <input type="checkbox"/>
Other <input type="checkbox"/>	Other <input type="checkbox"/>		Special <input type="checkbox"/>

Submitters Code: Federal Project:

Collector: S. Collins Telephone No.: 410-313-6287

Date Collected: 10/27/15 Time Collected: _____ a.m. 3:30 p.m.

Field pH: _____ Field Chlorine: _____

Nitric Acid Preserved: Yes No Iced: Yes No

Remarks: _____

TEST	EPA Code	Lab No.	Method No.	Results (pCi/L)	Date Analyzed	Analyst	Date Reported
<input checked="" type="checkbox"/> Gross Alpha	4000	0700	EPA900.0	<2.0	10/20/15	JJ	11/6/15
<input checked="" type="checkbox"/> Gross Beta	4100	0700	EPA900.0	<4.0	10/20/15	JJ	11/6/15
<input type="checkbox"/> Radium-226	4020						
<input type="checkbox"/> Radium-228	4030						
<input type="checkbox"/> Total Uranium	4006						
<input type="checkbox"/> Radon-222 (Bottle A)	4004						
<input type="checkbox"/> Radon-222 (Bottle B)	4004						
<input type="checkbox"/> Radon Field Blank A	4004						
<input type="checkbox"/> Radon Field Blank B	4004						
<input type="checkbox"/> Tritium							
<input type="checkbox"/>							
<input type="checkbox"/>							

Date Received: 10/28/15 Received By: In JJ
 Data Release Signature: Melinda Miller - Juel Date: 11/6/15

Lab Use Only	Yes	No	N/A
Sample Intact upon arrival?	<input checked="" type="checkbox"/>		
Sample pH <2.0?	<input checked="" type="checkbox"/>		
Received within holding time?	<input checked="" type="checkbox"/>		

•Tel. No.: (443) 681-3766 •Fax No.: (443) 681-4507

Williams, Jeffrey

From: Williams, Jeffrey
Sent: Friday, May 16, 2014 12:16 PM
To: Tim Feaga
Subject: Walnut Creek Radium testing
Attachments: Walnut Creek radium.pdf; Walnut Creek radium_2.pdf

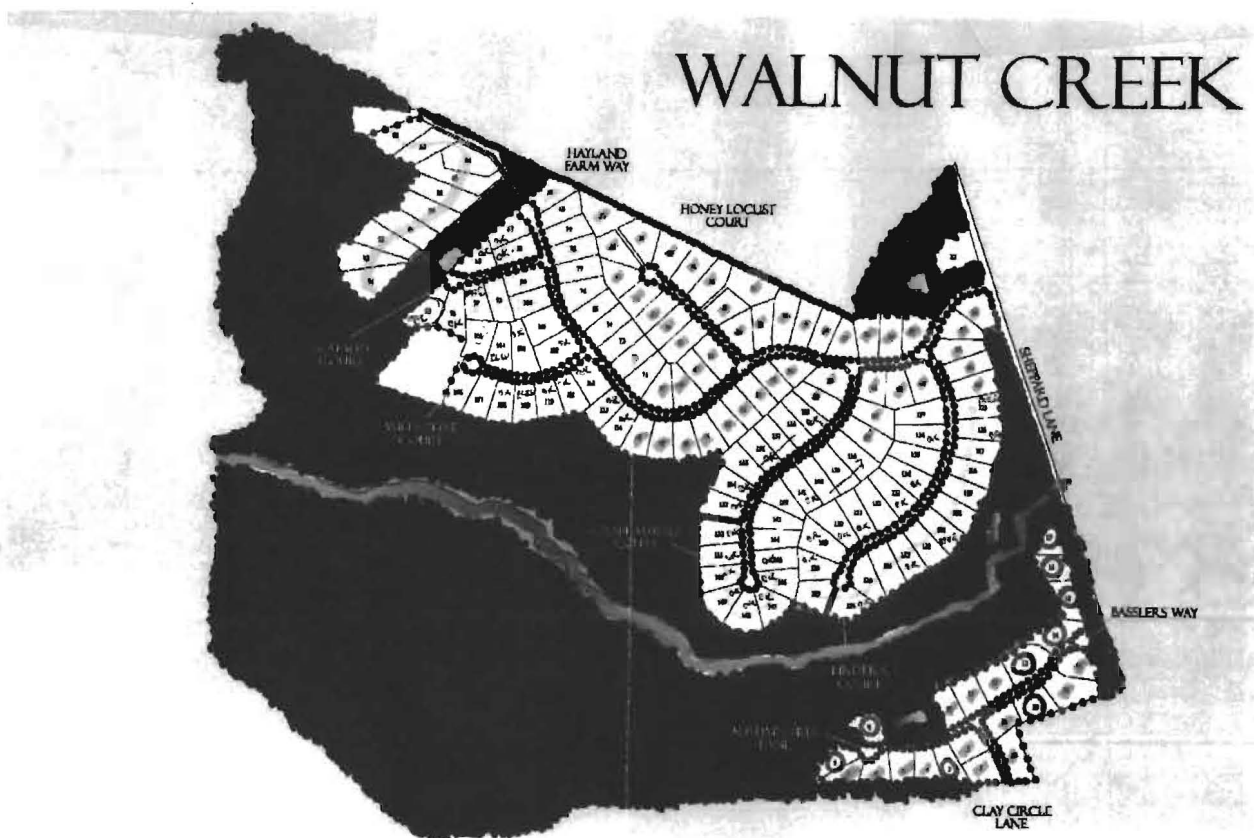
Hi Tim. I met with Bert regarding possible easement of radium testing at all lots in Walnut Creek. I've attached a map showing the additional lots that we would like to still be tested to ensure that there is not an area of concern in the remaining lots. The lots in the green cloud have been tested and passed. The lots in the red cloud are lots that we would like to be tested. The lots at the top corner (82-86, 90-94) fall within the radium testing boundary. We want the lots near the river tested to prove whether the stream is in fact acting as a natural buffer from the positive tests on the other side and the passing lots above them. Furthermore, we'd like some representative lots tested in the other section near the upper testing boundary to prove that there are no hot spots. If these are also passing, then we would likely be comfortable waiving the remaining.

We'd be happy to meet with you to discuss if you prefer. Thanks.

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this e-mail is not the intended recipient,





Certificate of Analysis

Acct. No. 3948 - 1867-1

Field Record

Site visit performed on: Tuesday, July 18, 2017 9:16 AM
by: Steve Wolfe State ID No. 8587SW
Affiliation: Tri-County Pump Services
Property Owner: Craftmark
Project: Lot 125
Property Address: 5053 Lindera Court
Ellicott City, MD 21042
Sample Source: 1st Floor 1/2 Bath Vanity
Treatment Devices Noted: No Treatment Devices
Well No.: HO-15-0150
Field pH: 7.5
Free Res. Cl. 0.0 mg/l

OK
Kmw

Laboratory Report

Sample Received at laboratory: 7/18/2017 1:25 PM

Bacteriological results:

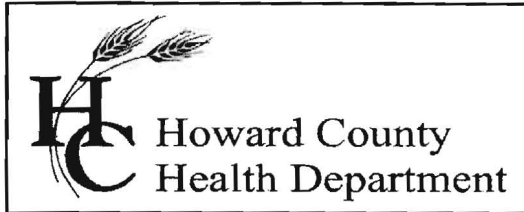
Total Colif. (/100ml)	E.coli (/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
<1	<1	07/18/17	13:55	07/19/17	14:07	9223B	JD

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
Nitrate-Nitrogen	3.6	mg/l ✓	10	7/19/2017	300 0	PH
Sand	<2	mg/l ✓	5	7/19/2017	0.065mm Filter	JD
Turbidity	1.0	NTU' ✓	10	7/19/2017	180 1	KB

Reported by: Ellen Mellott 7/19/17
Name Date



Bureau of Environmental Health

8930 Stanford Blvd., Columbia, MD 21046-2147

Main: 410-313-1774 | Fax: 410-313-2648

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

www.hchealth.org

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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – January 26, 2018

July 26, 2017

Homeowner
5053 Lindera Court
Ellicott City, MD 21042

RE: Walnut Creek, Lot ²115
5053 Lindera Court
Building Permit: B17000217
Well Permit: HO-15-0150

Dear Homeowner:

This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on **7/26/2017**. Final approval of the well line connection to the dwelling was granted on **3/22/2017**. The well construction was completed on **10/27/2015**. Water samples were collected on **7/18/2017**.

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking.

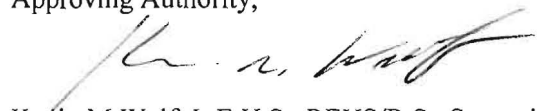
Gross Alpha and Beta samples were also collected on **10/27/2015**. Results showed a Gross Alpha level of **2.0 ± 0.0 pCi/L** and **Gross Beta** level of **4.0 ± 0.0 pCi/L**. The Gross Alpha was below the maximum contaminant level (MCL) of 15 pCi/L and the Gross Beta was below the target level of 50pCi/L (roughly equivalent to the annual dose rate of 4 millirems per year). At the time of testing and with respect to these parameters, the well water is safe for all uses.

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-15-0150. 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 certified water quality laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

Approving Authority,

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

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

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

