

B 1 26818

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO -14 -0036

5410363-H please type

Date Received (APA)

05/16/14

OWNER INFORMATION

Bassler Venture LLC, Lis Bon MD, 21265

B 3

LOCATION OF WELL

Howard COUNTY, Walnut Creek PHASE III, CLARKSVILLE

DRILLER INFORMATION

Ralph MAYNE MSD 119, Ralph Mayne Well Drilling, 17024 Handy Rd. Mt. Airy MD, 21077

B 4

SOURCES OF DRILLING WATER

1 well

WILD OLIVE CT., 260, TAX MAP: 28 BLK: 11 PARCEL 49

B 2

WELL INFORMATION

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION, FARMING, INDUSTRIAL, COMMERCIAL, DEWATERING, PUBLIC WATER SUPPLY WELL, TEST, OBSERVATION, MONITORING, OPEN LOOP GEOTHERMAL, CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY, Howard STATE SIGNATURE, 06/11/2014 DATE ISSUED, RKT CO SIGNATURE, 6/11/15 EXP. DATE

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

AIR-ROTARY, AIR-PERCussion, ROTARY (Hydraulic Rotary), CABLE, REVerse-ROTary, DRive-POINT

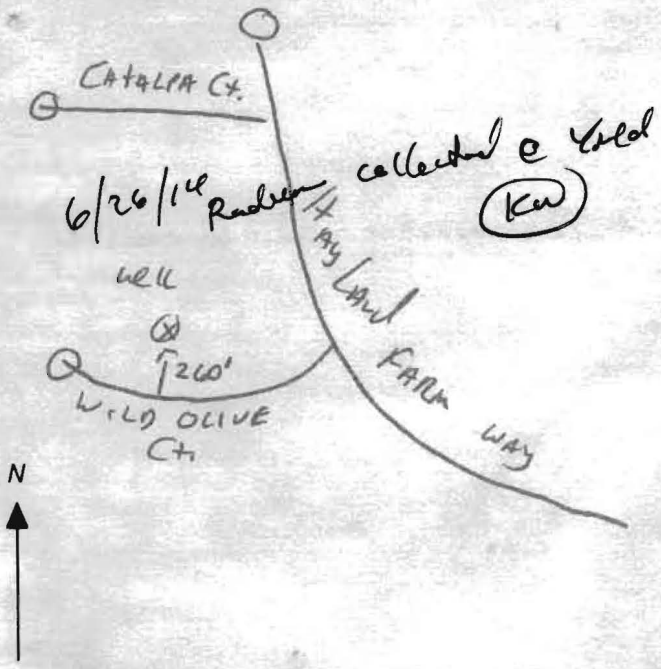
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- 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

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

APPROX. PERMIT NUMBER HO 2006G020, PERMIT No. HO -14 -0036

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



SPECIAL CONDITIONS

Radium sample required at yield test & all wells must be at least 100 feet apart

C1 26554

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 4520385 NUMBER 4520448

DATE RECEIVED MM DD YY 08 01 14

DATE WELL COMPLETED MM DD YY 06 29 14

DEPTH OF WELL 22 145 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 140-14-0036

OWNER Bassler Venture LLC WELL SITE ADDRESS WILD OLIVE CT TOWN CLARKSVILLE SUBDIVISION Walnut Creek Phase II SECTION LOT 103

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sandy, Sandstone MICKA, and Sandstone MICKA.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS (25), NO. OF POUNDS (2500), GALLONS OF WATER (150), DEPTH OF GROUT SEAL (0 to 60 ft).

CASING RECORD: MAIN CASING TYPE (PL), Nominal diameter (6), Total depth (25). Includes casing depth table.

OTHER CASING (if used) table with columns: diameter inch, depth (feet) from, to. Includes entry for PL casing.

SCREEN RECORD: screen type or open hole (HO), insert appropriate code below. Includes entries for ST, BR, HO, PL, OT.

DEPTH (nearest ft.) table with columns: 1-21, 23-26, 30-32, 38-41, 45-47, 51. Includes slot size and diameter of screen.

PUMPING TEST: HOURS PUMPED (3), PUMPING RATE (10), METHOD USED TO MEASURE PUMPING RATE (bucket), WATER LEVEL (34), TYPE OF PUMP USED (S) submersible.

PUMP INSTALLED: DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED (29), CAPACITY: GALLONS PER MINUTE (31-35), PUMP HORSE POWER (37-41), PUMP COLUMN LENGTH (43-47), CASING HEIGHT (2) below LAND SURFACE.

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

CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test well converted to production)

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. M SD 117, DRILLERS SIGNATURE (Must match signature on application), LIC. NO. D

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL (F in box 68), MDE USE ONLY (T, W, Q), TELESCOPE CASING, LOG INDICATOR, OTHER DATA

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

LATITUDE 39.23865, LONGITUDE 76.75138, (DEFAULT COORD. WGS 84), NOTES:

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 Telephone #: 301-831-8331
Address: 6711 Old National Pike
Boggsboro, 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): William E. Griffith 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. Licenses 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 #: 103 Well Tag #: HO-14-0036
Site Address: 4984 Wild Olive Ct.
Ellicott City, MD

Submersible Pump Data

Make: Sta-Hite
Model #: S7P44505221
Pump Capacity: 7 GPM
Well Yield: 10 GPM

Pitless Adapter

Make: American Energy
Model #: PT800
Depth: 36 (36" min)
NSF/WSC approved: yes

Well Cap and Electric Conduit

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

Depth of well encountered at time of pump installation: 145 (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

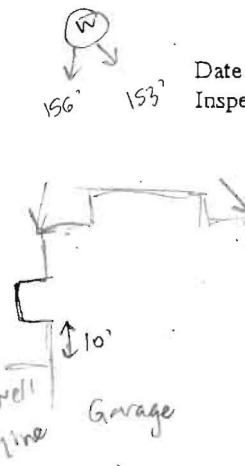
PVC sleeve to undisturbed soil at wall penetration: yes
Length of sleeve(5' minimum from foundation): 20 ft
Sleeve sealed properly: yes

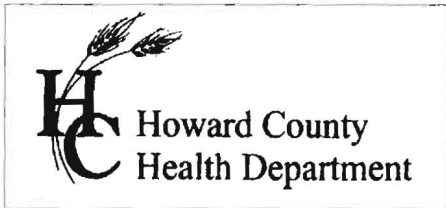
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: William E. Griffith date: 9-21-15

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

Date Insp. Requested: 9/22/15 Date Insp. Approved: 9/22/15 Inspector: SC
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope not outside of well cap/casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter





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. Bielenson, 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 Phase 3	103	Wild Olive Ct.
Subdivision/Property Name	Lot #	Road Name

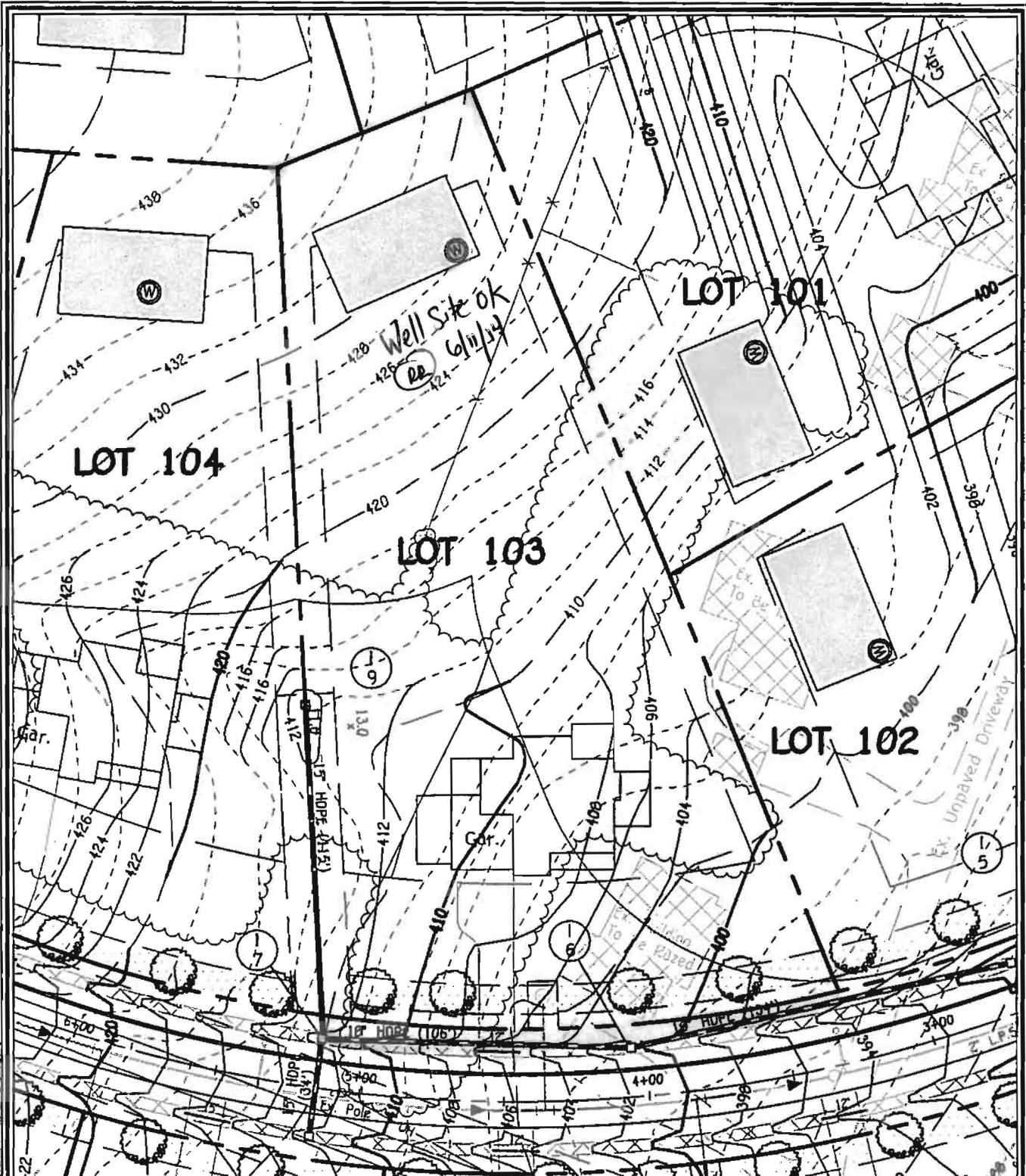
- The well site has been staked by Fisher, Collins and Carter, Inc. ,
 (professional land surveyor or company employing professional land surveyors)
 on 05/07/14 (date) and does not require a site inspection.

- 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\104001\dwg\PHASE THREE FINALS\104001 Phase Three WELL MAPS Lots 87-89, Lots 95-97, Lots 101-104 & Lots 107-114.dwg.
 5/1/2014 5:31:26 PM, \SRV\JDS Generic

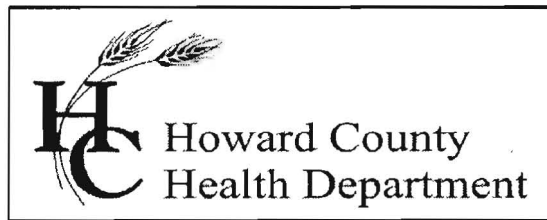


WELL LOCATION INFORMATION:
 NORTHING = 572,506.25 EASTING = 1,326,000.20
 LATITUDE = N39°14'19" LONGITUDE = W76°57'06"

**LOT 103 WELL MAP
 WALNUT CREEK
 PHASE THREE**

Lots 69 - 114, Non-Buildable Preservation Parcels
 'O' Thru 'R' & 'V', Non-Buildable Parcel 'S', Buildable Preservation
 Parcel 'T' and Buildable Bulk Parcel 'U'
 ZONED: RC-DEO & RR-DEO
 TAX MAP No. 28 GRID Nos. 4, 5, 10-12, 17, AND 18
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 DATE: MAY 1, 2014 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 - 2899



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

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – JUNE 18, 2016

December 18, 2015

Homeowner
4984 Wild Olive Court
Ellicott City, MD 21042

RE: Walnut Creek, Lot 103
4984 Wild Olive Court
Building Permit: B15002505
Well Permit: HO-14-0036

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 **12/18/2015**. Final approval of the well line connection to the dwelling was granted on **9/22/2015**. The well construction was completed on **6/24/2014**. Water samples were collected on **12/8/2015 & 12/11/2015**.

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.

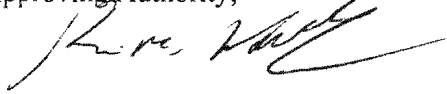
Gross Alpha and Beta samples were also collected on **6/26/2014**. Results showed a Gross Alpha level of **3.1 ± 1.2 pCi/L** and **Gross Beta** level of **4.2 ± 1.9 pCi/L**. The Gross Alpha was below the maximum contaminant level (MCL) of 15 pCi/L and the Gross Beta was below the target level of 50pCi/L (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-14-0036. 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", written over a horizontal line.

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

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

Howard County Health Department
Bureau of Environmental Health
 8930 Stanford Blvd.
 Columbia, Maryland 21045

Laboratories Administration
 201 W. Preston St., Baltimore, MD 21201
 Robert A. Myers, Ph.D., Director

Lab No.
 E012889 #27#

RADIATION ANALYSIS REQUEST FORM

Plant/Site Name: Wild Olive Court County: Howard

Sample Source: Walnut Creek - Lot 103 Location: HO-14-0036
(Well no., lab sink, sample tap, etc.)

Radon-222 Bottle A HOKW0036 Radon-222 Field Blank Bottle A FBKW62614
 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: _____

Collector: V Wolf Telephone No.: 410 313 2615

Date Collected: 6-26-14 Time Collected: _____ a.m. _____ p.m.

Field pH: _____ Field Chlorine: _____

Nitric Acid Preserved: Yes No Iced: Yes No

Remarks: Sample collected during yield

TEST	EPA Code	Lab No.	Method No.	Results (pCi/L)	Date Analyzed	Analyst	Date Reported
<input checked="" type="checkbox"/> Gross Alpha	4000	2889	EPA 900.0	3.1 ± 1.2	7/1/14	MA	7/2/14
<input checked="" type="checkbox"/> Gross Beta	4100	2889	"	4.2 ± 1.9	↓	I	I
<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"/>							

Date Received: 06/27/14 Received By: CW Kelly - Boyd

Data Release Signature: Deborah Miller-Duck Date: 7/3/14

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"/>		

201 W. Preston St., Baltimore, MD 21201
 Robert A. Myers, Ph.D., Director

Lab No.
EBB2087 3273

Howard County Health Department
Bureau of Environmental Health
 8930 Stanford Blvd.
 Columbia, Maryland 21045

RADIATION ANALYSIS REQUEST FORM

Plant/Site Name: HCHD

County: Howard

Sample Source: Distilled H₂O

Location: Lab

Radon-222 Bottle A —
 Bottle B —

Radon-222 Field Blank
 Bottle A FBKW62614
 Bottle B —

County 13

Plant No.

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

CHECK (one per Box)

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

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

Point of Collection	
Source (Raw)	<input checked="" type="checkbox"/>
Distribution (treated)	<input type="checkbox"/>
MCL	<input type="checkbox"/>

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

Submitters Code: —

Federal Project: —

Collector: K Wolf

Telephone No.: 410 312 2645

Date Collected: 6-26-14

Time Collected: — a.m. 4 p.m.

Field pH: —

Field Chlorine: —

Nitric Acid Preserved: Yes No

Iced: Yes No

Remarks: Field Blank for Cross A, B

TEST	EPA Code	Lab No.	Method No.	Results (pCi/L)	Date Analyzed	Analyst	Date Reported
<input type="checkbox"/> Gross Alpha	4000	2887	EPA 900.0	<2.0	7/1/14	MA	7/2/14
<input type="checkbox"/> Gross Beta	4100	2887	"	<4.0	—	—	—
<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 checked="" type="checkbox"/> Radium Field Blank							

Date Received: 06/27/14 Received By: C. W. Kelly Boyd

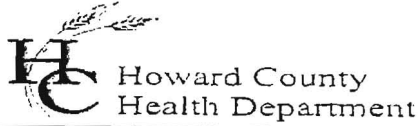
Data Release Signature: Richard Miller - JMK Date: 7/3/14

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

ORIG 1917230 7/24/14

Invoice



Bureau of Environmental Health
 Attn: Bert Nixon, Director

DATE: JULY 24, 2014
 DATES OF SERVICE: JUNE 25, 26, & JULY 1, 3 2014
 INVOICE #: 2014-014

8930 Stanford Boulevard, Columbia, MD 21045
 Phone 410-313-2640 Fax 410-313-2648
 www.hchealth.org

BILL TO Heritage Realty and Land Development
 Attn: Tim Feaga
 15950 North Ave P.O. Box 482
 Lisbon, MD 21765

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

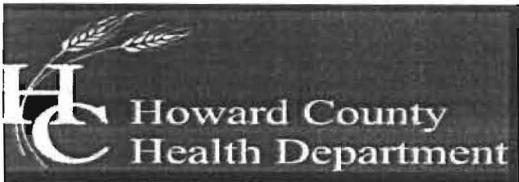
DATE	DESCRIPTION	BALANCE	AMOUNT
06/25/14	Gross alpha/beta testing performed for Walnut Creek, Lots # 76 And 97 HO - 95 - 2667 HO - 14 - 0033		\$90.00
06/26/14	Gross alpha/beta testing performed for Walnut Creek Lot # 104 HO - 14 - 0037		\$45.00
07/01/14	Gross alpha/beta testing performed for Walnut Creek Lots # 108 And 109 HO - 14 - 0039 HO - 14 - 0040		\$90.00
07/03/14	Gross alpha/beta testing performed for Walnut Creek Lot # 96 HO - 14 - 0032		\$45.00
			AMOUNT DUE
			\$270.00

Please detach and return with payment.

REMITTANCE	
Invoice #	2014-014
Site Information	Walnut Creek Lots 76, 96, 97, 104, 108, 109
Amount Due	\$270.00

Receipt 54598
8/26/14

Make Checks Payable to: **Director of Finance** Mail Payments to: **Bureau of Env. Health**



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

August 27, 2014

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

RE: Walnut Creek Lot 103
Wild Olive Court
Well Tag: HO - 14 - 0036

Dear Mr. Feaga:

A sample was collected during a yield test on June 26, 2014 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 3.1 ± 1.2 picocuries/liter (pCi/L), while the **Gross Beta** level was 4.2 ± 1.9 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 cursive script that reads 'Bert Nixon'.

Bert Nixon, Director

Bureau of Environmental Health

Enclosure
cc: Property file



Fredericktowne
ENVIRONMENTAL TESTING

Labs Inc.

5020 Venture Court • P.O. BOX 245 • Myersville, MD 21773 • 800-532-5340 • FAX 301-265-2386
www.fredericktownelabs.com • info@fredericktownelabs.com

Certificate of Analysis

Acct. No. 3948 - 1426-2

Field Record

Site visit performed on: Friday, December 11, 2015 11:15 AM
by: John Ashbaugh State ID No. 3005JA
Affiliation: Tri-County Pump Services
Property Owner: Craftmark Homes
Property Address: 4884 Wild Olive Court
Lot 103
Ellicott City, MD 21042
Sample Source: Kitchen Sink
Well No.: HO-14-0036
Total Free Res. Cl.: <0.1 mg/l

Laboratory Report

Sample Received at laboratory: 12/11/2015 4:36 PM

Inorganic Chemical results:

<u>Parameter</u>	<u>Result</u> <u>Units</u>	<u>MCL</u>	<u>Date of Analysis</u>	<u>Method</u>	<u>Analyst</u>
Sand	<2 mg/l	5	12/14/2015	0.065mm Filter	JD
Turbidity	0.5 NTU'	10	12/11/2015	180.1	PH

Reported by: Tollin Mellott 12/15/15

Name

Date

Fredericktowne Labs, Inc. is a State Certified Water Quality Laboratory
Maryland Cert. No. 116 Virginia Cert. No. 00444
MDOT WBE Cert. No.: 91-158



Fredericktowne Labs Inc.

ENVIRONMENTAL TESTING

3020 Ventrice Court • P.O. BOX 248 • Myersville, MD 21773 • 800-332-3340 • FAX 301-293-2366
www.fredericktownelabs.com • info@fredericktownelabs.com

Certificate of Analysis

Acct. No. 3948 - 1426-1

Field Record

Site visit performed on: Tuesday, December 08, 2015 1:20 PM
by: Kevin Kretzer State ID No. 1511KK
Affiliation: Tri-County Pump Service
Property Owner: Craftmark Homes
Property Address: 4984 Wild Olive Court
Ellicott City, MD 21042
Sample Source: Kitchen Sink
Treatment Devices Noted: 4x10 D+S Filter
Well No.: HO-14-0036
Field pH: 5.5
Total Free Res. Cl.: <0.1 mg/l

Laboratory Report

Sample Received at laboratory: 12/8/2015 4:18 PM

Bacteriological results:

Total Colif. (/100ml)	E.coli.(/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
<1	<1	12/08/15	16:50	12/09/15	12:31	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	3.7	mg/l	10	12/9/2015	300.0	PH
Turbidity	16	NTU'	10	12/9/2015	180.1	KB

Reported by:

Name

Date

Kathy Hegner 12/9/15

Fredericktowne Labs, Inc. is a State Certified Water Quality Laboratory
Maryland Cert. No. 116 Virginia Cert. No. 00444
MDOT WBE Cert. No.: 91-158