



B 1 26898

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 555799-H please type

STATE PERMIT NUMBER HO-15-0035 fill in this form completely

Date Received (APA) 040815

OWNER INFORMATION

Bassler Venture LLC PO BOX 482 Lis Bon Md 21765

B 3

LOCATION OF WELL

Howard COUNTY Walnut Creek Phase III 153 CLARKSVILLE

DRILLER INFORMATION

Ralph Mayne MS D 117 RALPH MAYNE WELL DRILLING 17024 Handy Rd Mt Airy MD 21771

B 4

SOURCES OF DRILLING WATER

1 well

GRATE MYRTLE Ct STREET ADDRESS ON WHICH SIDE OF ROAD DISTANCE FROM ROAD ENTER FT OR MI TAX MAP: 28 BLK: PARCEL 49

B 2

WELL INFORMATION

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

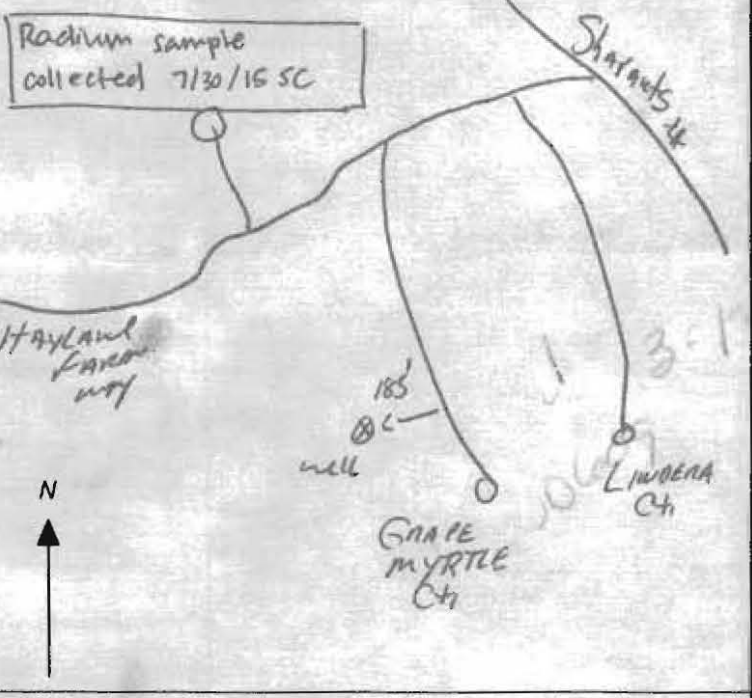
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME STATE SIGNATURE DATE ISSUED 4/20/15 CO SIGNATURE EXP. DATE 4/20/16

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 6 1/2 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTary JETTED AIR-PERCussion Jettied & DRIVEN 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

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

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

APPROX. PERMIT NUMBER H02006G020 PERMIT No. HO-15-0035

SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED Wells must be 100' apart and 100' from grinder





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 – MARCH 7, 2019

September 7, 2018

Homeowner  
5034 Crape Myrtle Court  
Ellicott City, MD 21042

**RE: Walnut Creek, Lot 153**  
**5034 Crape Myrtle Court**  
**Building Permit: B18000609**  
**Well Permit: HO-15-0035**

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 **8/21/2018**. Final approval of the well line connection to the dwelling was granted on **5/14/2018**. The well construction was completed on **7/30/2015**. Water samples were collected on **8/1/2018, 8/16/2018**.

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 **7/30/2015**. 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-15-0035. 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.**



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

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>

In closing, please refer to our "Homeowner Fact Sheet" for understanding your onsite sewage disposal system. You will also find a link to Maryland Department of the Environment's website which elaborates in further detail operation and maintenance of your Septic System.

Approving Authority,

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

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 Rd,
Burgess, Md 21717

(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 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 Home Telephone #: 703-932-0573
Subdivision: Walnut Creek Lot #: 153 Well Tag #: HO-15-0035V
Site Address: 5034 Craftmark Ct,
Ellicott City, Md 21042

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Salsby Make: American Granby Two piece watertight cap: yel
Model #: S7/H505221 Model #: PT-100 Screened, vented well cap: yel
Pump Capacity 7 GPM Depth: 36 (36" min) Cap secured to casing: yel
Well Yield: 15 GPM NSF/WSC approved: yel Conduit min 18" B.G.: yel
Depth of well encountered at time of pump installation: 105 (feet) Conduit secured to well cap: yel
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

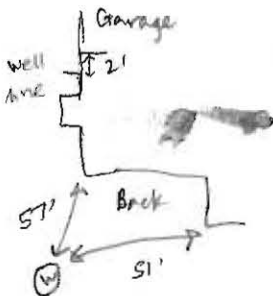
Piping to house House Connection
Type: Poly PVC sleeve to undisturbed soil at wall penetration: yel
PSI: 120 (160 psi min) Length of sleeve (5' minimum from foundation): 2'
Depth of supply line: 36" (36" min) Sleeve sealed properly: yel

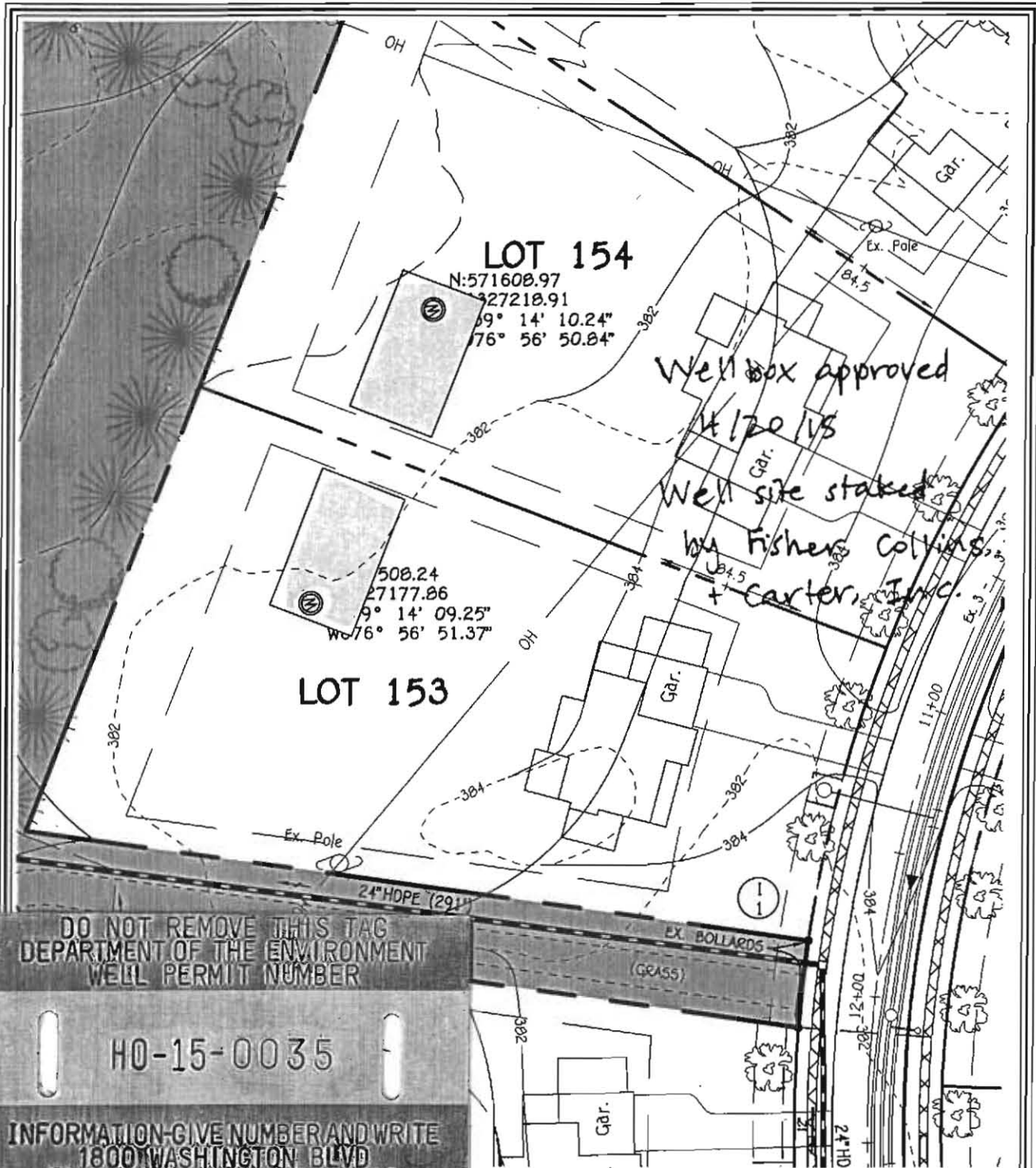
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: [Signature] date: 5-3-2018

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

Date Insp. Requested: 5/4/10 Date Insp. Approved: 5/4/10 Inspector: SC
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade [check]
Two piece cap installed and attached to casing securely [check]
Elec. conduit extends at least 18" below grade/attached to cap properly [check]
Safety rope out outside of well cap/casing [check]
Correct well tag attached properly and casing 8" above finished grade [check]
Water supply line sleeved adequately at house connection [check]
Adequate grout observed below pitless adapter [check]





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

**H0-15-0035**

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

NORTHING = 571508.24    EASTING = 1327177.86  
 LATITUDE = N 39° 14' 09"    LONGITUDE = W 76° 56' 51"

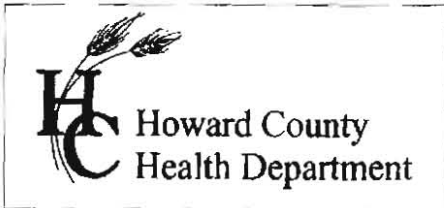
**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELICOTT CITY, MARYLAND 21042  
 (410) 461-2995

**LOT 153 WELL MAP**  
**WALNUT CREEK**  
**PHASE FOUR**

Lots 23 - 68, 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: FEBRUARY 23, 2015    SCALE: 1"=50'



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. Bielensohn, 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:

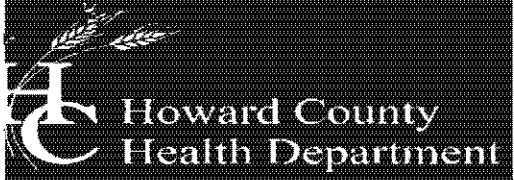
Well Site Location:

Walnut Creek Phase 4	153	Crape Myrtle Ct.
<u>Subdivision/Property Name</u>	<u>Lot #</u>	<u>Road Name</u>

- The well site has been staked by Fisher, Collins and Carter, Inc.,  
(professional land surveyor or company employing professional land surveyors)  
on 03/11/15 (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



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](http://www.hchealth.org)  
Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

Maura Rossman, M.D., Health Officer

September 1, 2015

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

RE: Walnut Creek Lot 153  
Crape Myrtle Court  
Well Tag: HO - 15 - 0035

Dear Mr. Feaga:

A sample was collected during a yield test on July 30, 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,  
  
Bert Nixon, Director  
Bureau of Environmental Health

Enclosure  
✓ cc: Property file



SEND REPORT TO: Bert Nixon  
 Howard Co Health Dept.  
 Bureau of Environmental  
 4932 Stanford Blvd.  
 Columbia, MD 21045

DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
 Laboratories Administration  
 Health 201 W. Preston St., Baltimore, MD 21201  
 Robert A. Myers, Ph.D., Director

Lab No. 0174-431

1770 Ashland Ave., Baltimore, MD 21205  
**RADIATION ANALYSIS REQUEST FORM**

Plant/Site Name: Field Blank

County: Howard

Sample Source: dlh<sub>2</sub>O

Location: HCHD Lab

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

Radon-222 Bottle A \_\_\_\_\_  
 Bottle B \_\_\_\_\_

Radon-222 Field Blank Bottle A \_\_\_\_\_  
 Bottle B \_\_\_\_\_

County 13

Plant No. 

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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 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: 5

Collector: S. Collins

Telephone No.: 410-313-6287

Date Collected: 7/30/15

Time Collected: \_\_\_\_\_ a.m. 2:54 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	0174	EPA 900.0	<2.0	8/3/15	WT	8/4/15
<input checked="" type="checkbox"/> Gross Beta	4100	0174	EPA 900.0	24.0	8/3/15	WT	8/4/15
<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"/>							

Date Received: 7/31/15 Received By: Deborah Miller - Juel  
 Date Release Signature: \_\_\_\_\_ Date: 8/4/15

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

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

ORIG SENT 8/12/15

# Invoice



Bureau of Environmental Health  
Attn: Bert Nixon, Director

DATE: AUGUST 12, 2015  
DATES OF SERVICE: JULY 23, 28 & 30 2015  
INVOICE #: 2015-005

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

**BILL TO** Basslers Venture  
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
07/23/15	Gross alpha/beta testing performed for Walnut Creek, Lot 156, HO - 15 - 0040		\$45.00
07/28/15	Gross alpha/beta testing performed for Walnut Creek, Lot 154 HO - 15 - 0039		\$45.00
07/30/15	Gross alpha/beta testing performed for Walnut Creek, Lot 153 HO - 15 - 0035		\$45.00
			<b>AMOUNT DUE</b>
			\$135.00

Please detach and return with payment.

REMITTANCE	
Invoice #	2015-005
Site Information	Walnut Creek Lots 153, 154 & 156
Amount Due	\$135.00

Receipt 57351  
8/31/2015

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



## Certificate of Analysis

Acct. No. 3948 - 2137-1

### Field Record

Site visit performed on: Wednesday, August 01, 2018 2:11 PM  
 by: Steve Wolfe State ID No. 8587SW  
 Affiliation: Tri-County Pump Services  
 Property Owner: Craftmark Homes  
 Project: Lot 153  
 Property Address: 5034 Crape Myrtle Court  
 Ellicott City, MD 21042  
 Sample Source: 1st Floor 1/2 Bath Vanity  
 Treatment Devices Noted: No Treatment Devices  
 Well No.: HO-15-0035  
 Field pH: 7.8  
 Free Res. Cl: <0.1 mg/l

### Laboratory Report

Sample Received at laboratory: 8/1/2018 3:08 PM

#### Bacteriological results:

Total Colif. (/100ml)	E. coli. (/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
9.9	<1	08/01/18	15:50	08/02/18	15:58	9223B	JD

Bacteriological analysis of this sample indicates the water is unsafe for human consumption.  
 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	1.6	mg/l	10	8/1/2018	300.0	PH
Sand	<2	mg/l	5	8/2/2018	0.065mm Filter	JD
Turbidity	0.2	NTU	<10	8/2/2018	180.1	KB

Reported by Curtis Phelps 8/3/18  
 Name Date



## Certificate of Analysis

Acct. No. 3948 - 2137-2

### Field Record

Site visit performed on Thursday, August 16, 2018 1:47 PM  
by Steve Wolfe State ID No. 8587SW  
Affiliation: Tri-County Pump Services  
Property Owner: Craftmark Homes  
Project: Lot 153  
Property Address: 5034 Crape Myrtle Court  
Ellicott City, MD 21042  
Sample Source: 1st Floor 1/2 Bath Vanity  
Treatment Devices Noted: 4x10 Filter/Water Softener  
Sample taken after treatment: Yes  
Well No.: HO-15-0035  
Field pH: 8.0  
Free Res. Cl: 0.0 mg/l

### Laboratory Report

Sample Received at laboratory: 8/16/2018 3:41 PM

#### Bacteriological results:

Total Colif. (/100ml)	E. coli (/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
<1	<1	08/16/18	16:07	08/17/18	10:10	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

Reported by Curtis Phelps 8/17/18  
Name Date

