

C1 26507

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)

COUNTY NUMBER A-520 385

ST/CO USE ONLY DATE RECEIVED MM 10 DD 15 YR 15

DATE WELL COMPLETED MM 09 DD 16 YR 15

Depth of Well 105 (TO NEAREST FOOT)

OK 10/21/15SC

PERMIT NO. FROM "PERMIT TO DRILL WELL" 140-15-0113

OWNER Bassler Venture LLC WELL SITE ADDRESS GRATE MYRTLE CT TOWN CLARKSVILLE MD SUBDIVISION Walnut Creek Phase 4 SECTION LOT 143

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

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS 15, NO. OF POUNDS 1500, GALLONS OF WATER 90, DEPTH OF GROUT SEAL 38 ft.

CASING RECORD: MAIN CASING TYPE PL, diameter 6 inch, total depth 40 feet. OTHER CASING (if used) PL 4 inch, depth 60 feet.

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

DEPTH (nearest ft.) table with columns 1-21 and rows A, C, R, E, N.

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 15 gal. per min., METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 27 ft. before, 30 ft. when pumping.

PUMP INSTALLED: DRILLER INSTALLED PUMP YES, TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29, CAPACITY: GALLONS PER MINUTE 31-35, PUMP HORSE POWER 37-41, PUMP COLUMN LENGTH 43-47, CASING HEIGHT 49 ft. above, LAND SURFACE 2 ft. below.

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 119, DRILLERS SIGNATURE, LIC. NO. [Signature]

SLOT SIZE 1 1/16 2 3, DIAMETER OF SCREEN 4 inch (NEAREST INCH)

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

B 1 26873

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-15-0113  
fill in this form completely

580905 please type

Date Received (APA) 080315

OWNER INFORMATION

Bassler Venture LLC  
Last Name Owner First Name  
PO BOX 482  
Street or RFD  
Lisbon MD 21765  
Town State Zip

B 3 LOCATION OF WELL

Howard  
COUNTY  
Walnut Creek Phase 4  
SUBDIVISION  
SECTION 44 LOT 143  
NEAREST TOWN CLARK/SUNCE MD

DRILLER INFORMATION

Raul Mayne M S D 117  
Driller's Name License No.  
Raul Mayne Well Drilling  
Firm Name  
17024 Handy Rd Mt. Airy MD 21771  
Address  
Raul Mayne 8/4/15  
Signature Date

B 4 SOURCES OF DRILLING WATER

- 1. WELL
- 2.
- 3.

GRAPE MYRTLE Q.  
STREET ADDRESS  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH  
WEST EAST  
SOUTH  
DISTANCE FROM ROAD 225  
ENTER FT OR MI  
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

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) A520385  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE INSERT S  
DATE ISSUED 8/11/15 S. C. C. 8/11/16  
CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

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

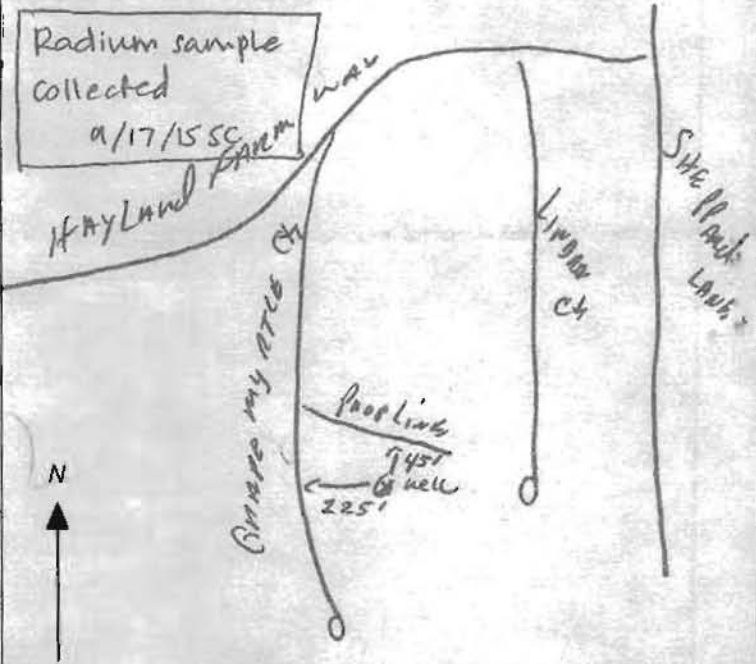
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_

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

APPROX. PERMIT NUMBER H02006G020

PERMIT No. HO-15-0113

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

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Wells must be 100' apart. Radium sample required 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: \_\_\_\_\_ Telephone #: \_\_\_\_\_  
Address: \_\_\_\_\_

(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# \_\_\_\_\_

\*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: \_\_\_\_\_ Telephone #: \_\_\_\_\_  
Subdivision: \_\_\_\_\_ Lot #: \_\_\_\_\_ Well Tag #: HO - 15-0113 (D)  
Site Address: \_\_\_\_\_

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: _____	Make: _____	Two piece watertight cap: _____
Model #: _____	Model#: _____	Screened, vented well cap: _____
Pump Capacity _____ GPM	Depth: _____ (36" min)	Cap secured to casing: _____
Well Yield: _____ GPM	NSF/WSC approved: _____	Conduit min 18" B.G.: _____
Depth of well encountered at time of pump installation: _____ (feet)	Conduit secured to well cap: _____	

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

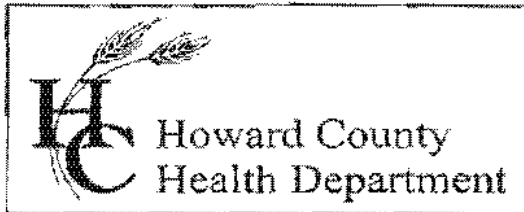
<u>Piping to house</u>	<u>House Connection</u>
Type: _____	PVC sleeve to undisturbed soil at wall penetration: _____
PSI: _____ (160 psi min)	Length of sleeve (5' minimum from foundation): _____
Depth of supply line: _____ (36" min)	Sleeve sealed properly: _____

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 \_\_\_\_\_ date \_\_\_\_\_

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

Date Insp. Requested: 08/03/2017 Date Insp. Approved: 08/04/2017 Inspector: (D)  
 Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade ✓ 39" 08/03/2017 (D)  
 Two piece cap installed and attached to casing securely ✓  
 Elec. conduit extends at least 18" below grade/attached to cap properly ✓ 36" 08/03/2017 (D)  
 Safety rope not outside of well cap/casing ✓  
 Correct well tag attached properly and casing 8" above finished grade ✓ 16" 08/03/2017 (D)  
 Water supply line sleeved adequately at house connection 08/04/2017 (D)  
 Adequate grout observed below pitless adapter ✓



## Bureau of Environmental Health

8930 Stanford Blvd., Columbia, MD 21046-2147

Main: 410-313-1774 | Fax: 410-313-2548

TDD 410-313-2323 | Toll Free 1-855-313-6300

[www.hchealth.org](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

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

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### INTERIM CERTIFICATE OF POTABILITY

Expiration Date – April 19, 2018

October 19, 2017

Homeowner  
5035 Crape Myrtle Court  
Ellicott City, MD 21042

RE: Walnut Creek, Lot 143  
5035 Crape Myrtle Court  
Building Permit: B17001621  
Well Permit: HO-15-0113

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 10/10/2017. Final approval of the well line connection to the dwelling was granted on 8/4/2017. The well construction was completed on 9/16/2015. Water samples were collected on 9/27/2017, 10/9/2017.

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.

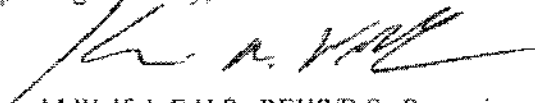
Gross Alpha and Beta samples were also collected on 9/24/2015. Results showed a Gross Alpha level of  $2.0 \pm 0.0$  pCi/L and Gross Beta level of  $4.0 \pm 0.0$  pCi/L. The Gross Alpha was below the maximum contaminant level (MCL) of 15 pCi/L and the Gross Beta was below the target level of 50pCi/L (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-15-0113. 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>

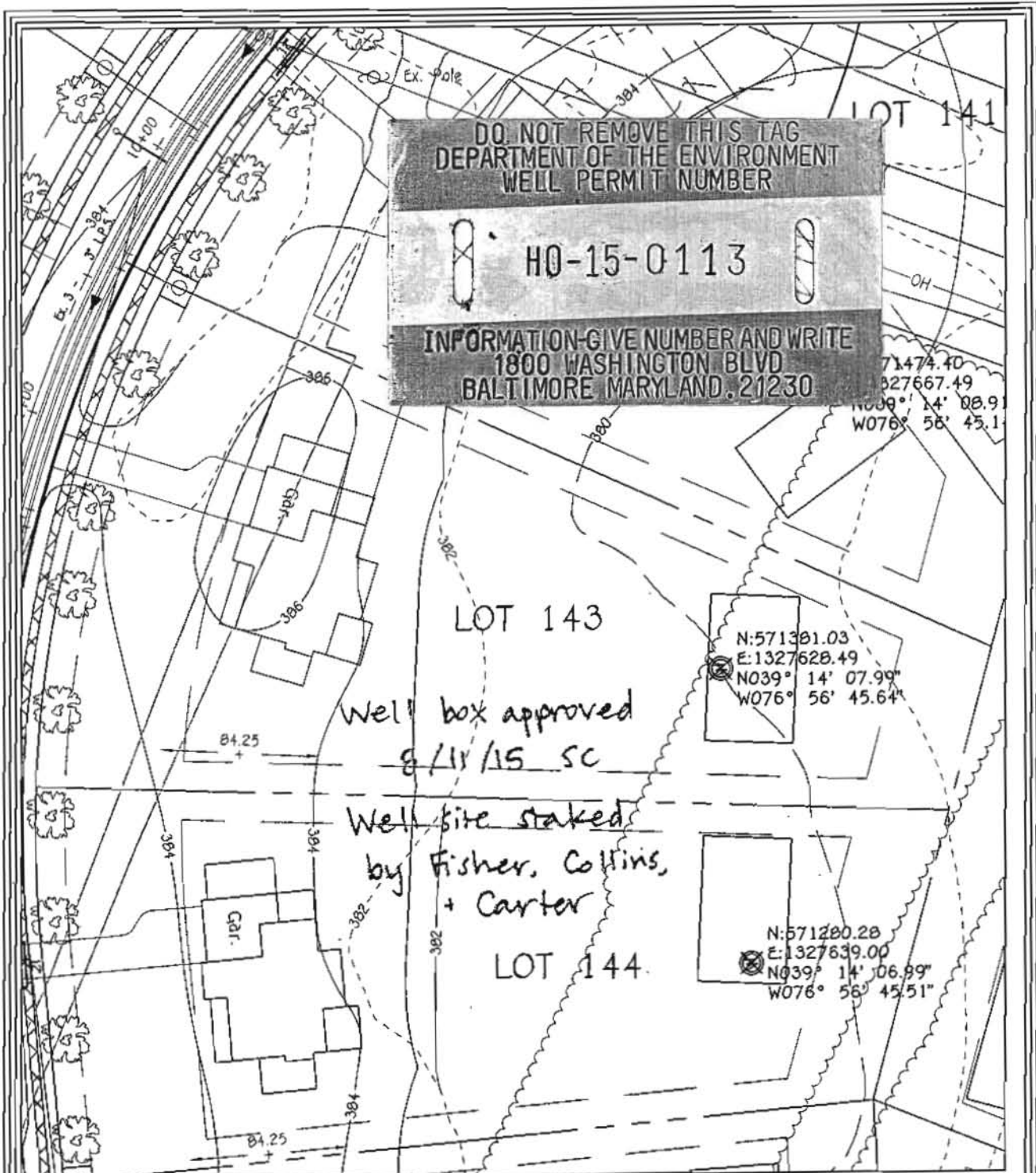
Approving Authority,



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

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

HQ-15-0113

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

**WELL LOCATION INFORMATION:**

NORTHING = 571301.03    EASTING = 1327620.49  
 LATITUDE = N 39° 14' 08"    LONGITUDE = W 76° 56' 46"

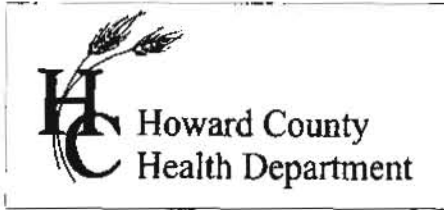
LOT 143 WELL MAP  
**WALNUT CREEK**  
 PHASE FOUR

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. 28    GRID Nos. 4, 5, 10-12, 17, AND 18    PARCEL No. 49  
 FIFTH ELECTION DISTRICT    HOWARD COUNTY, MARYLAND  
 DATE: July 22, 2015    SCALE: 1"=50'

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

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 CALLETON CITY, MARYLAND 21042  
 (410) 451-2899



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	143	Crape Myrtle Ct.
<u>Subdivision/Property Name</u>	<u>Lot #</u>	<u>Road Name</u>

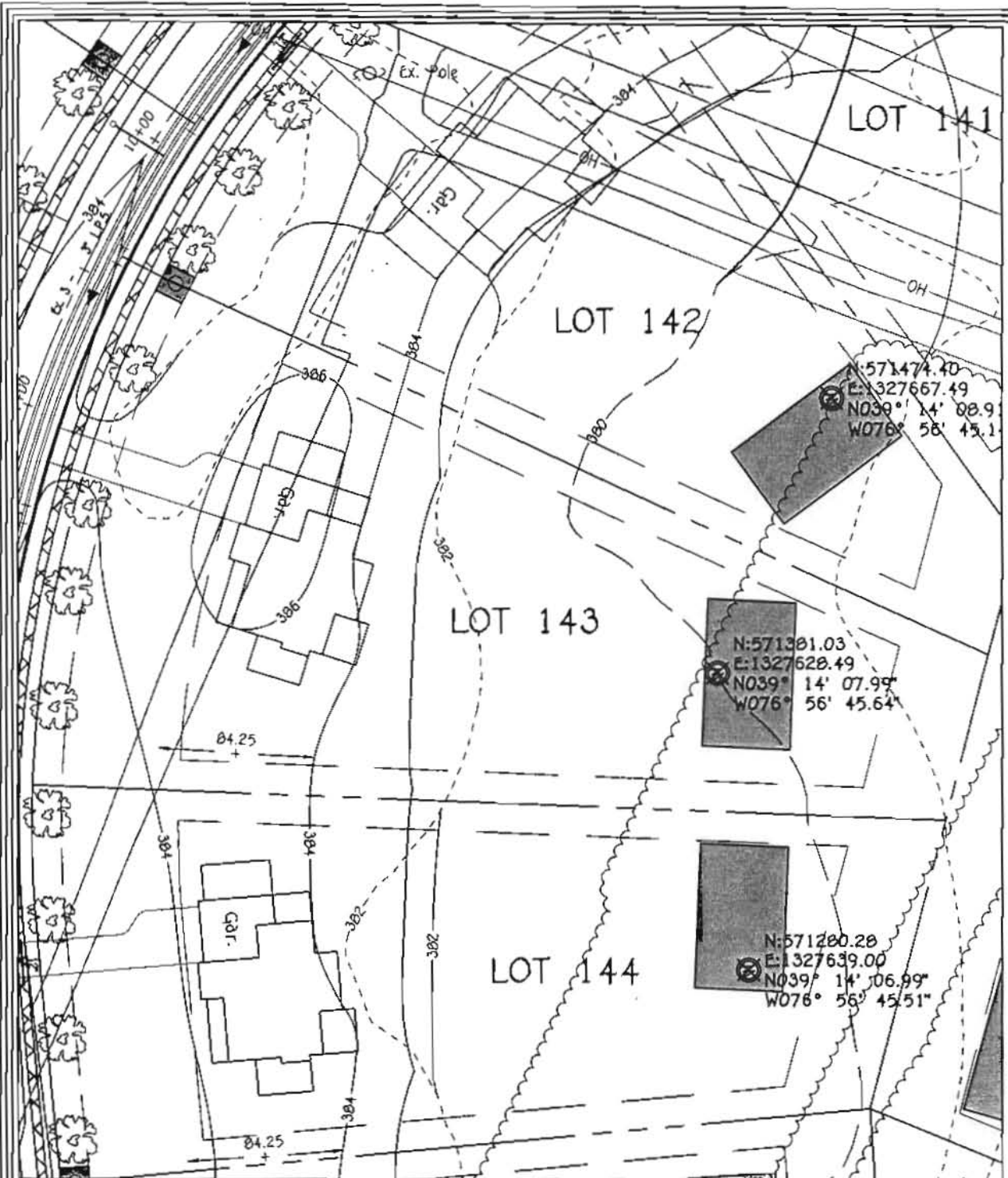
The well site has been staked by Fisher, Collins and Carter, Inc.,  
(professional land surveyor or company employing professional land surveyors)  
on 07/27/15 (date) and does not require a site inspection.

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, 7/22/2015 9:29:11 AM, 1:1



WELL LOCATION INFORMATION:  
 NORTHING = 571301.03    EASTING = 1327620.49  
 LATITUDE = N 39° 14' 08"    LONGITUDE = W 76° 56' 46"

**LOT 143 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. 28    GRID Nos. 4, 5, 10-12, 17, AND 18    PARCEL No. 49  
 FIFTH ELECTION DISTRICT    HOWARD COUNTY, MARYLAND  
 DATE: July 22, 2015    SCALE: 1"=50'

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 GAITHERSBURG CITY, MARYLAND 21042  
 (410) 461 - 2885

# Water Testing Laboratories

P.O. Box 712  
Stevensville, MD 21666  
410-643-7711

of Maryland, Inc.

NV Homes  
c/o Robert Feezer  
6321 Barnett Ave  
Sykesville, MD 21784

Reporting Date: 10/11/2017  
Report #: M5574

Submitted Sample Address: 5035 Crape Myrtle Court, Ellicott City, MD  
Submitted Sample Source: Holding tank  
Date / Time Collected: 10/9/2017 01:35 PM  
Sample Type: Drinking Water  
Sampler/Company: K. Lee 4827KL, WTL of MD  
Field Record: Chlorine residual: Absent Clear when drawn pH: 6.6  
Well Tag #: HO-15-0113

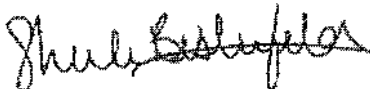
## Analytical Results

Parameter	Result	Units	Report Limit	Standard	Standard Type
Total Coliform Bacteria	Absent	Coliforms/100 ml	Present/Absent	Absent	EPA Primary MCL
<i>E. Coli</i> Bacteria	Absent	Coliforms/100 ml	Present/Absent	Absent	EPA Primary MCL

### Notes:

1. Bacteriological analysis of this sample indicates this water is  safe  for human consumption.
2. Results in **BOLD** exceed the MCL, Action Level or MD well regulation.
3. Samples received and examined within EPA's recommended holding times.
4. MCL - Maximum Contaminant Level
5. MCL Type -  
EPA Primary: The maximum contaminant level which is the highest level of contaminant that is allowed in drinking water. Primary MCLs are enforceable standards.  
EPA Secondary: Non enforceable guidelines regulating contaminants that cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste or odor) in drinking water.  
Action Level: Defined in treatment techniques which are required processes intended to reduce the level of a contaminant in drinking water.
6. We certify that the analyses performed for this report are accurate, and that the laboratory tests were conducted by methods approved by the US Environmental Protection Agency and the Maryland Department of the Environment.

Reported by,



S. Besterfeldt, Quality Assurance Manager

Reviewed by: 

# Water Testing Laboratories

P.O. Box 712  
Stevensville, MD 21666  
410-643-7711

of Maryland, Inc.

NV Homes  
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- We certify that the analyses performed for this report are accurate, and that the laboratory tests were conducted by methods approved by the US Environmental Protection Agency and the Maryland Department of the Environment.

Reported by,



S. Besterfeldt, Quality Assurance Manager

Reviewed by: SPD



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

November 4, 2015

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

RE: Walnut Creek Lot 143  
Crape Myrtle Court  
Well Tag: HO - 15 - 0113

Dear Mr. Feaga:

A sample was collected during a yield test on September 16, 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  
 8932 Stanford Blvd.  
 Columbia, MD 21045

DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
 Laboratories Administration  
 201 W. Preston St., Baltimore, MD 21201  
 Robert A. Myers, Ph.D., Director  
 1770 Ashland Ave., Baltimore, MD 21205  
**RADIATION ANALYSIS REQUEST FORM**

Lab No. 0457 818

Plant/Site Name: Field Blank LOT 143 County: Howard  
 Sample Source: HE dH<sub>2</sub>O Location: HCHD Lab  
(Well no., lab sink, sample tap, etc.)  
 Radon-222 Bottle A \_\_\_\_\_ Radon-222 Field Blank Bottle A \_\_\_\_\_  
 Bottle B \_\_\_\_\_ Bottle B \_\_\_\_\_  
 County 113 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: 9/16/15 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	0457	EPA 900.0	< 2.0	9/22/15	WT	9/23/15
<input checked="" type="checkbox"/> Gross Beta	4100	0457	EPA 900.0	< 4.0	9/22/15	WT	9/23/15
<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							

Date Received: 09/18/15 Received By: In JI  
 Data Release Signature: Deborah Miller - Jura Date: 9/24/15

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

CUSTOMER COPY  
 PROGRAM

## Williams, Jeffrey

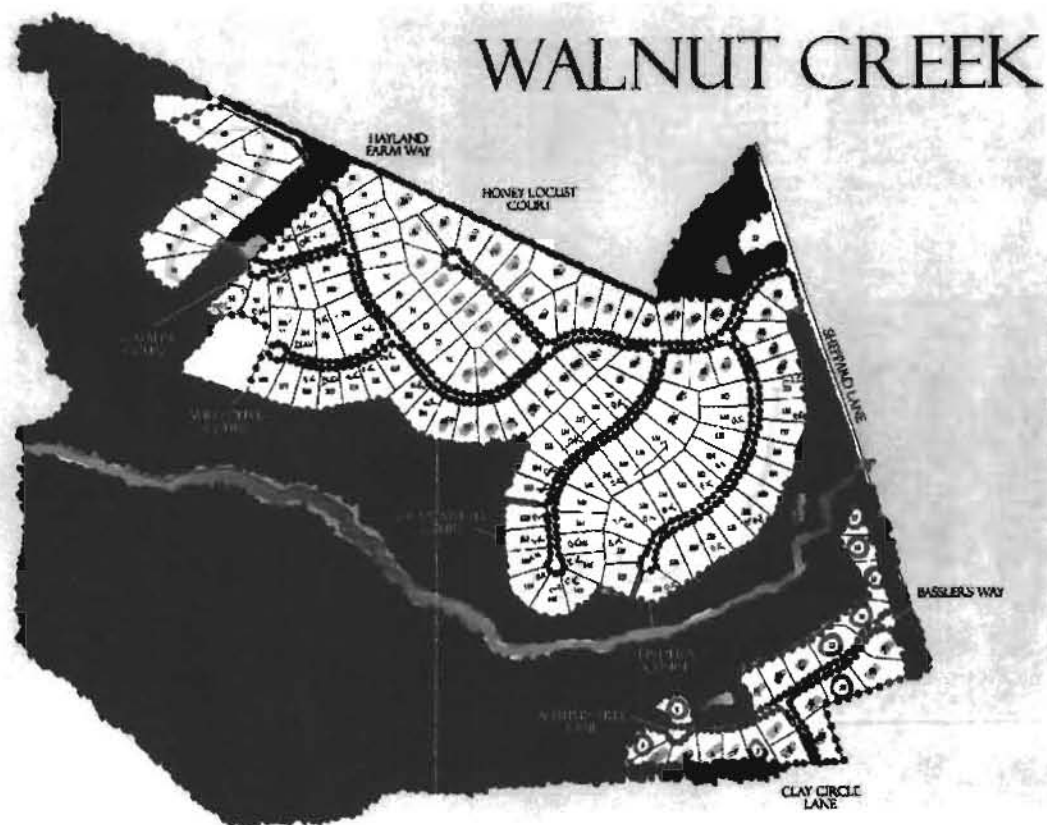
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From: Williams, Jeffrey  
Sent: Friday, May 16, 2014 12:16 PM  
To: Tim Feaga  
Subject: Walnut Creek Radium testing  
Attachments: Walnut Creek radium.pdf; Walnut Creek radium\_2.pdf

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](mailto:jewilliams@howardcountymd.gov)



# Water Testing Laboratories

P.O. Box 712  
Stevensville, MD 21666  
410-643-7711

of Maryland, Inc.

NV Homes  
c/o Robert Feezer  
6321 Barnett Ave  
Sykesville, Md 21784

Reporting Date: 10/02/2017  
Report #: M5551

Submitted Sample Address: 5035 Crape Myrtle Court, Ellicott City, MD  
Submitted Sample Source: Holding tank-well cap intact & no devices used  
Date / Time Collected: 9/27/2017 12:10 PM  
Sample Type: Drinking Water  
Sampler/Company: K. Lee 4827KL, WTL of MD  
Field Record: Chlorine residual: Absent Clear when drawn  
Well Tag #: HO-15-0113

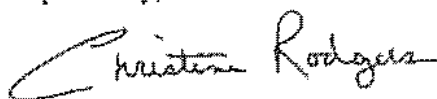
## Analytical Results

Parameter	Result	Units	Report Limit	Standard	Standard Type
Total Coliform Bacteria	<b>Present</b>	Coliforms/100 ml	Present/Absent	Absent	EPA Primary MCL
<i>E. Coli</i> Bacteria	Absent	Coliforms/100 ml	Present/Absent	Absent	EPA Primary MCL
Nitrate as N	5.1	mg/L	0.5	10	EPA Primary MCL
Sand	Absent	mg/L or Absent	mg/L or Absent	< 5 mg/L*	MD Well Reg.
Turbidity	0.8	NTU	0.5	< 10 NTU*	MD Well Reg.
pH	7.6	SU	0.1	6.5-8.5	EPA Secondary MCL

### Notes:

- Bacteriological analysis of this sample indicates this water is **unsafe** for human consumption.
- Results in **BOLD** exceed the MCL, Action Level or MD well regulation.
- Samples received and examined within EPA's recommended holding times.
- MCL - Maximum Contaminant Level
- ND - Not Detected.
- \* Sand and turbidity standard for new wells - See Code of Maryland Regulations (COMAR) 26.04.04.16B(5). If sand is present, it is analyzed to determine amount of sand in mg/L.
- MCL Type -  
  - EPA Primary:** The maximum contaminant level which is the highest level of contaminant that is allowed in drinking water. Primary MCLs are enforceable standards.
  - EPA Secondary:** Non enforceable guidelines regulating contaminants that cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste or odor) in drinking water.
  - Action Level:** Defined in treatment techniques which are required processes intended to reduce the level of a contaminant in drinking water.
- We certify that the analyses performed for this report are accurate, and that the laboratory tests were conducted by methods approved by the US Environmental Protection Agency and the Maryland Department of the Environment.

Reported by,



C. Rodgers, Assistant Lab Manager, Microbiology

Reviewed by: 

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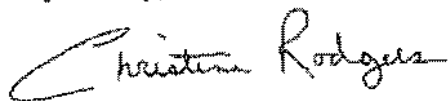
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