

C 1 36401 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 A520385

ST/CO USE ONLY DATE RECEIVED 10/15/13

DATE WELL COMPLETED 10/1/2015 DEPTH OF WELL 200'

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10/21/15 SC Ho-15-0118

OWNER Bassler Venture LLC WELL SITE ADDRESS Grape Myrtle Ct TOWN Clarksville SUBDIVISION Walnut Creek SECTION 4 LOT 148

WELL LOG

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Clay, Sand, Mica, and Water at 40, 110, 180 feet.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL (C) CEMENT (M) BENTONITE CLAY (B) NO. OF BAGS 38 NO. OF POUNDS 3572

CASING RECORD

MAIN CASING TYPE (S) Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 60

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

SCREEN RECORD

screen type or open hole (S) (B) (H) (P) (O) insert appropriate code below

C 2 DEPTH (nearest ft.)

Table with columns: E A C H S C R E E N, 1-25, 26-32, 33-41, 42-47, 48-51. Includes slot size and diameter of screen.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 20 ft. WHEN PUMPING 81 ft. TYPE OF PUMP USED (for test) (A) air (P) piston (T) turbine (C) centrifugal (R) rotary (O) other (J) jet (S) submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) (+) above () below LAND SURFACE 2 (nearest foot)

LATITUDE 39.23392 LONGITUDE 76.94672 (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.

DRILLERS LIC. NO. 1 MSD 119 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 MSD 024

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

B 1 26887

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-15-0118 fill in this form completely

556525T please type

Date Received (APA) 080315

OWNER INFORMATION

8 MM DD YY 13 BASSLER VENTURE LLC 15 Last Name Owner First Name 34 PO BOX 482 36 Street or RFD 55 LISBON MD 21265 57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

Howard 8 COUNTY 21 Walnut Creek Phase 4 23 SUBDIVISION 42 SECTION 44 46 LOT 148 48 50 CLARKSVILLE MD. 52 NEAREST TOWN 71

DRILLER INFORMATION

Ralph Mayne M S D 117 76 Driller's Name License No. 81 RALPH MAYNE WELL DRILLING Firm Name 17024 Handy rd. Mt. Airy MD. 21771 Address 8/4/15 Signature Date

B 4

SOURCES OF DRILLING WATER

- 1. well 2. 3.

GRAPE MYRTLE Ct. 11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 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 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (F) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) (I) INDUSTRIAL, COMMERCIAL, DEWATERING (P) PUBLIC WATER SUPPLY WELL (T) TEST, OBSERVATION, MONITORING (O) OPEN LOOP GEOTHERMAL (C) CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 AS20385 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S 41 DATE ISSUED 8/11/15 CO SIGNATURE EXP. DATE 8/11/16

APPROXIMATE DEPTH OF WELL 150 FEET 24 28

APPROXIMATE DIAMETER OF WELL 6" 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)

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

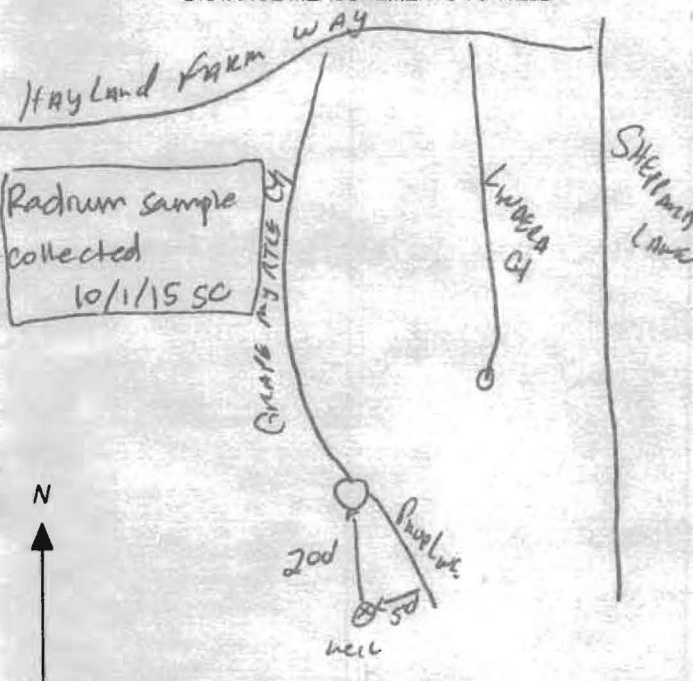
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

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

APPROX. PERMIT NUMBER H02006020

PERMIT No. HO-15-0118

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



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 Home Services, Inc Telephone #: 301-432-0300
Address: 6711 Old National Rd
Brownback Md 21783

(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 Galt 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 #: 703-932-0503
Subdivision: Wahlu Creek Lot #: 148 Well Tag #: HO-15-0118 ✓
Site Address: 5055 Craftmark Ct
Gilbert City, Md 21042

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Slab</u>	Make: <u>Amesbury</u>	Two piece watertight cap: <u>yes</u>
Model #: _____	Model #: <u>PT-200</u>	Screened, vented well cap: <u>yes</u>
Pump Capacity <u>7</u> GPM	Depth: <u>36"</u> (36" min)	Cap secured to casing: <u>yes</u>
Well Yield: <u>17</u> GPM	NSF/WSC approved: <u>yes</u>	Conduit min 18" B.G.: <u>yes</u>
Depth of well encountered at time of pump installation: <u>200</u> (feet)		Conduit secured to well cap: <u>yes</u>

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: <u>poly</u>	PVC sleeve to undisturbed soil at wall penetration: <u>yes</u>
PSI: <u>200</u> (160 psi min)	Length of sleeve (5' minimum from foundation): <u>20ft</u>
Depth of supply line: <u>36"</u> (36" min)	Sleeve sealed properly: <u>yes</u>

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 Galt date: 4-5-2017

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

Date Insp. Requested: 4/6/17 Date Insp. Approved: 04/20/2017 Inspector: [Signature]

Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade	<input checked="" type="checkbox"/>	48" 4/6/2017	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>		
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>	49" 4/6/2017	<input checked="" type="checkbox"/>
Safety rope not outside of well cap/casing	<input checked="" type="checkbox"/>		
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>	15" 4/6/2017	<input checked="" type="checkbox"/>
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>		
Adequate grout observed below pitless adapter	<input checked="" type="checkbox"/>		

4/20/17 Unable to inspect 4/6/17 due to rain

Tri-County Pump Service Inc.
 6711 Old National Pike
 Boonsboro, MD 21713
 Office 301-432-0330
 Fax 301-432-1988



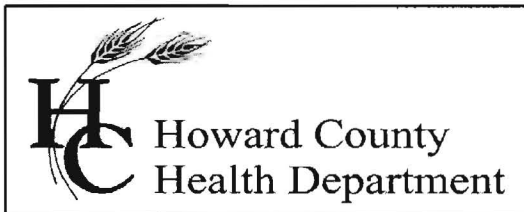
Date: 4/4/2017 Pages incl. cover 2
 Fax: 410-313-2648
 Attn: Howard County Health Department
 From: Daniel

Info from for well pump installation

This facsimile message may contain information that is confidential and/or legally privileged. The information is intended solely for the use of the individual or entity named above.

If you are not the individual or entity named above, you are hereby notified that any disclosure, reproduction or action in reliance on the contents of this message is prohibited under the Penalty of Law.

If you have received this message in error, or if you have any questions, please notify us by telephone immediately at 301-432-0330.



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 – January 12, 2017

July 12, 2017

Homeowner
5055 Crape Myrtle Court
Ellicott City, MD 21042

**RE: Walnut Creek, Lot 148
5055 Crape Myrtle Court
Building Permit: B16005390
Well Permit: HO-15-0118**

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 **7/11/2017**. Final approval of the well line connection to the dwelling was granted on **4/20/2017**. The well construction was completed on **10/1/2015**. Water samples were collected on **6/16/2017, & 6/19/2017**.

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 **10/1/2015**. 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-15-0118. 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

Wolf, Kevin

From: John Pavlik <jpavlik@CraftmarkHomes.com>
Sent: Tuesday, July 11, 2017 10:01 AM
To: Wolf, Kevin
Subject: Re: 5055 Crape Myrtle Court

Thanks Kevin. No problem for this afternoon or even tomorrow morning. Thanks again.

John Pavlik

Project manager
Walnut Creek
Craftmark Homes Inc.

On Jul 11, 2017, at 9:58 AM, Wolf, Kevin <KWolf@howardcountymd.gov> wrote:

I'll check again for it and get the icop ready for release. It will have to be this afternoon or tomorrow morning.

----- Original message -----

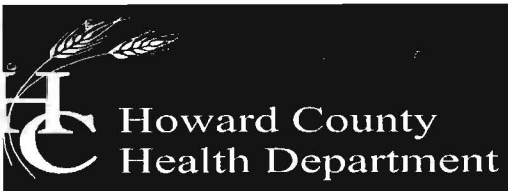
From: John Pavlik <jpavlik@CraftmarkHomes.com>
Date: 7/11/17 9:44 AM (GMT-05:00)
To: "Wolf, Kevin" <KWolf@howardcountymd.gov>
Subject: 5055 Crape Myrtle Court

Good morning Kevin,

When you get an opportunity could you please look into the ICOP status for lot 148 at Walnut Creek (5055 Crape Myrtle Ct)? I know you were copied on the well test results and I know utilities release their hold on this house last week. I appreciate your help. Thanks again

John Pavlik

Project manager
Walnut Creek
Craftmark Homes



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

November 20, 2015

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

RE: Walnut Creek Lot 148
Crape Myrtle Court
Well Tag: HO - 15 - 0118

Dear Mr. Feaga:

A sample was collected during a yield test on October 1, 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 4.1 ± 1.6 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.

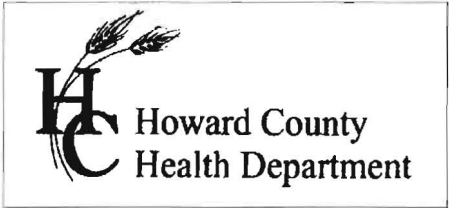
Sincerely,

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

Bert Nixon, Director

Bureau of Environmental Health

✓ Enclosure
cc: Property file



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 Phase 4	148	Crape Myrtle Ct.
Subdivision/Property Name	Lot #	Road Name

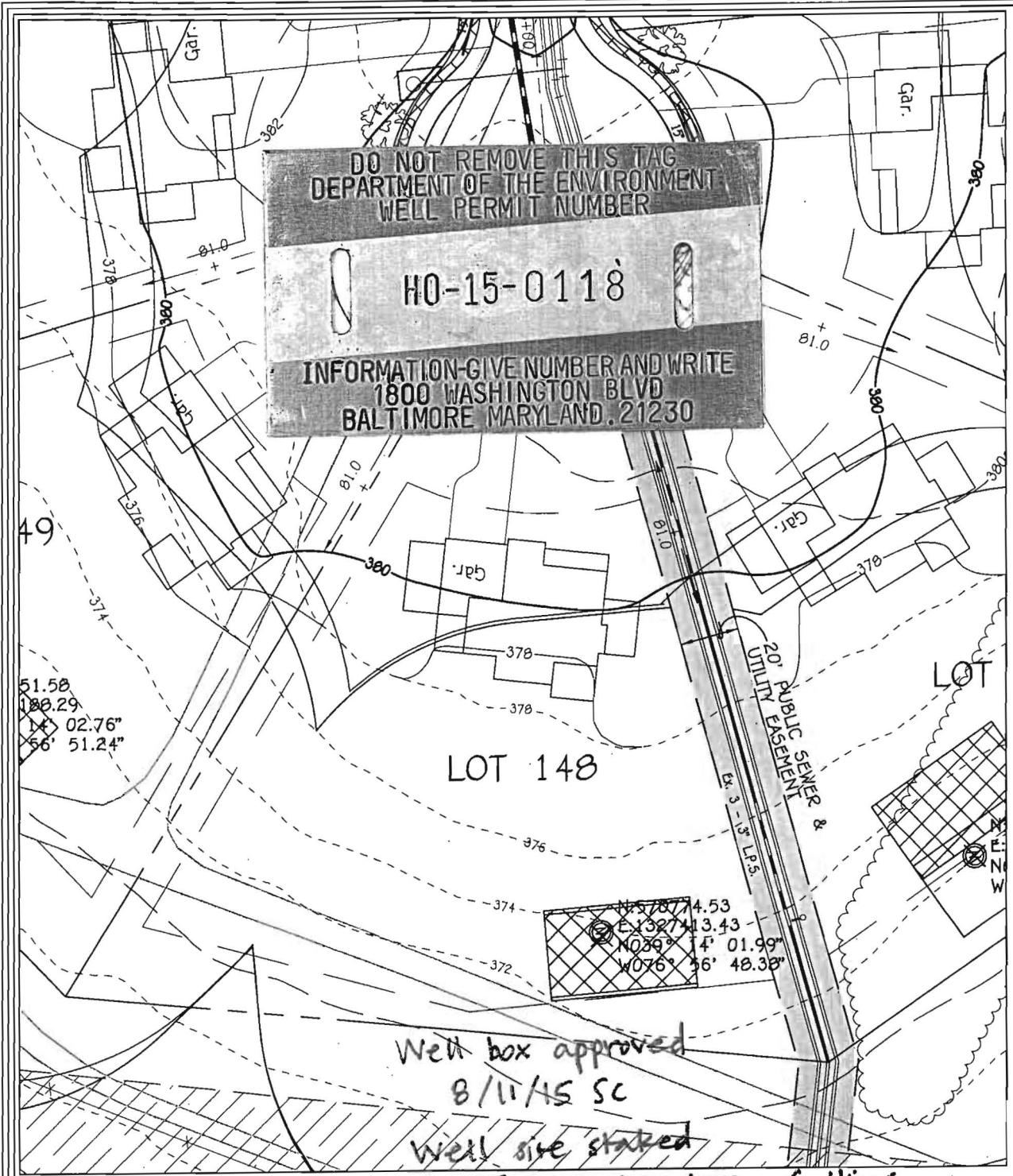
- The well site has been staked by Fisher, Collins and Carter, Inc. ,
 (professional land surveyor or company employing professional land surveyors)
 on 07/27/15 (date) and does not require a site inspection.

- 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 9:34:34 AM, 1:1



WELL LOCATION INFORMATION:

NORTHING = 570774.53 EASTING = 1327413.43
LATITUDE = N 39° 14' 02" LONGITUDE = W 76° 56' 48"

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

33 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461 - 2955

by Fisher, Carter, & Collins
 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: July 22, 2015 SCALE: 1"=50'

SEND REPORT TO: Bert Nixon 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

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

Lab No.
0585 8-29

Plant/Site Name: Walnut Creek - Lot 14B

County: Howard

Sample Source: Grape Myrtle Ct.

Location: HO-15-0118

(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.

CHECK (one per Box)

Table with 2 columns: Type, and checkboxes for Drinking Water, Landfill, Stream, Other.

Table with 2 columns: Service, and checkboxes for Community, Non-Community, Private, Other.

Table with 2 columns: Point of Collection, and checkboxes for Source (Raw), Distribution (treated), MCL.

Table with 2 columns: Testing, and checkboxes for Emergency, Routine, Recheck, Special.

Submitters Code:

Federal Project: S

Collector: S. Collins

Telephone No.: 410-313-6287

Date Collected: 10/1/15

Time Collected: a.m. 12:15 p.m.

Field pH:

Field Chlorine:

Nitric Acid Preserved: Yes [checked] No

Iced: Yes No [checked]

Remarks: Sample taken during yield test

Main data table with columns: TEST, EPA Code, Lab No., Method No., Results (pCi/L), Date Analyzed, Analyst, Date Reported.

Date Received: 10/02/15 Received By: In Ji

Data Release Signature: Deborah Miller-Juch Date: 10/9/15

Lab Use Only table with columns: Lab Use Only, Yes, No, N/A.

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

SEND REPORT TO: Bert Nixoy DEPARTMENT OF HEALTH AND MENTAL HYGIENE
 Laboratories Administration
 201 W. Preston St., Baltimore, MD 21201
 Robert A. Myers, Ph.D., Director

Lab No. 115-212

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

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

Plant/Site Name: Field Blank County: Howard

Sample Source: AHLO 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	
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: S

Collector: S. Collins Telephone No.: 410-313-6237

Date Collected: 10/11/15 Time Collected: _____ a.m. 2:45 p.m.

Field pH: _____ Field Chlorine: _____

Nitric Acid Preserved: Yes No Iced: Yes No

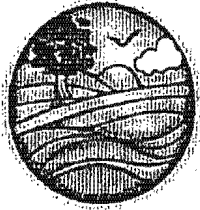
Remarks: _____

<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	0583	EPA900.0	< 2.0	10/5/15	JT	10/9/15
<input checked="" type="checkbox"/>	Gross Beta	4100	0583	EPA900.0	< 4.0	10/5/15	JT	10/9/15
<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: 10/12/15 Received By: In Ji
 Data Release Signature: Deborah Miller-Juell Date: 10/9/15

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



Fredericktowne Labs Inc.

ENVIRONMENTAL TESTING

3020 Ventrie Court • P.O. BOX 245 • Myersville, MD 21773 • 800-332-3340 • FAX 301-293-2366
 www.fredericktownelabs.com • info@fredericktownelabs.com

Certificate of Analysis

REVISED
 6/23/17 Lot#

Acct. No. 3948 - 1830-2

Field Record

Site visit performed on: Monday, June 19, 2017 10:38 AM
 by: Steve Wolfe State ID No. 8587SW
 Affiliation: Tri-County Pump Services
 Property Owner: Craftmark
 Project: Lot 148
 Property Address: 5055 Grape Myrtle Court
 Ellicott City, MD
 Sample Source: Pressure Tank
 Treatment Devices Noted: No Treatment Devices
 Well No.: HO-15-0118
 Field pH: 7.5
 Free Res. Cl.: 0.0 mg/l

OK

Laboratory Report

Sample Received at laboratory: 6/19/2017 1:15 PM

Bacteriological results:

Total Colif. (/100ml)	E.coli.(/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
<1	<1	06/19/17	14:40	06/20/17	14:47	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: Toller Mellott 6/22/17
 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 Ventrie Court • P.O. BOX 245 • Myersville, MD 21773 • 800-332-3340 • FAX 301-293-2366
 www.fredericktownelabs.com • info@fredericktownelabs.com

Certificate of Analysis

REVISED
 6/23/17 Lot #

Acct. No. 3948 - 1830-1

Field Record

Site visit performed on: Friday, June 16, 2017 10:18 AM
 by: Kevin Kretzer State ID No. 1511KK
 Affiliation: Tri-County Pump Service
 Property Owner: Craftmark
 Project: Lot 148
 Property Address: 5055 Grape Myrtle Court
 Ellicott City, MD
 Sample Source: Pressure Tank
 Well No.: HO-15-0118
 Free Res. Cl.: 0.0 mg/l

OK

Laboratory Report

Sample Received at laboratory: 6/16/2017 2:02 PM

Inorganic Chemical results:

Parameter	Result	Units	MCL	Date of Analysis	Method	Analyst
Nitrate-Nitrogen	3.6	mg/l	10	6/16/2017	300.0	PH
Nitrite Nitrogen	<0.2	mg/l	1	6/16/2017	300.0	PH
pH	7.5			6/16/2017	4500-H+B	KB
Sand	<2	mg/l	5	6/20/2017	0.065mmFilter	JD
Turbidity	1.2	NTU	10	6/16/2017	180.1	KMW

Reported by: Edwin Mellott 6/20/17
 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



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Certificate of Analysis

REVISED
 6/23/17 Lot #

Acct. No. 3948 - 1830-1

Field Record

Site visit performed on: Friday, June 16, 2017 10:18 AM
 by: Kevin Kretzer State ID No. 1511KK
 Affiliation: Tri-County Pump Service
 Property Owner: Craftmark
 Project: Lot 148
 Property Address: 5055 Crape Myrtle Court
 Ellicott City, MD
 Sample Source: Pressure Tank
 Well No.: HO-15-0118
 Free Res. Cl.: 0.0 mg/l

Laboratory Report

Sample Received at laboratory: 6/16/2017 2:02 PM

Inorganic Chemical results:

Parameter	Result	Units	MCL	Date of Analysis	Method	Analyst
Nitrate-Nitrogen	3.6	mg/l	10	6/16/2017	300.0	PH
Nitrite Nitrogen	<0.2	mg/l	1	6/16/2017	300.0	PH
pH	7.5			6/16/2017	4500-H+B	KB
Sand	<2	mg/l	5	6/20/2017	0.065mmFilter	JD
Turbidity	1.2	NTU'	10	6/16/2017	180.1	KMW

Reported by: Eden Mellott 6/22/17
 Name Date

Fredericktowne Labs, Inc. is a State Certified Water Quality Laboratory
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 MDOT WBE Cert. No.: 91-168



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ENVIRONMENTAL TESTING

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Certificate of Analysis

REVISED
 6/22/17 Lot#

Acct. No. 3948 - 1830-2

Field Record

Site visit performed on: Monday, June 19, 2017 10:38 AM
 by: Steve Wolfe State ID No. 8587SW
 Affiliation: Tri-County Pump Services
 Property Owner: Craftmark
 Project: Lot 148
 Property Address: 5055 Crape Myrtle Court
 Ellicott City, MD
 Sample Source: Pressure Tank
 Treatment Devices Noted: No Treatment Devices
 Well No.: HO-15-0118
 Field pH: 7.5
 Free Res. Cl.: 0.0 mg/l

Laboratory Report

Sample Received at laboratory: 6/19/2017 1:15 PM

Bacteriological results:

Total Colif. (/100ml)	E.coli. (/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
<1	<1	06/19/17	14:40	06/20/17	14:47	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: Toller Mellott 6/22/17
 Name Date

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