

C1 - 08171

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 A-520 385 NUMBER A-520 448

ST/CO USE ONLY DATE RECEIVED MM 07 DD 28 YY 12

DATE WELL COMPLETED MM 09 DD 21 YY 12

Depth of Well 22 245' 26 10/11/2012 (TO NEAREST FOOT) O.K. BB

PERMIT NO. FROM "PERMIT TO DRILL WELL" 110-95-2372

OWNER Land Marketing Consultants WELL SITE ADDRESS last name ASHLEIGH DR. first name TOWN CRANKSVILLE MD SUBDIVISION WALNUT CREEK SECTION LOT 54

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. Rows include Top Soil, Clay, Sand Stone, Whitemicka, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 8 NO. OF POUNDS 800 GALLONS OF WATER 48 DEPTH OF GROUT SEAL (to nearest foot) from 0 TOP 52 ft. to 20 BOTTOM 58 ft.

CASING RECORD

Diagram showing casing types (ST, CO, PL, OT) and MAIN CASING TYPE PL with nominal diameter 6 and total depth 22.

OTHER CASING (if used)

Table for OTHER CASING with columns for diameter (inch) and depth (feet).

SCREEN RECORD

Diagram showing screen types (ST, BR, HO, PL, OT) and DEPTH (nearest ft.) HO 20 245.

Table for SCREEN RECORD with columns for 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.) 8.5 METHOD USED TO MEASURE PUMPING RATE bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 25 ft. WHEN PUMPING 55 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 (to 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 39.14.250 LONGITUDE 76.56.788 (DEFAULT COORD. WGS 84)

NOTES:

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED YES Y NO N CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. MSD 117 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. D

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

B 1 14936

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO -95 -2372

538055-G please type

fill in this form completely

Date Received (APA)

09-04-12

OWNER INFORMATION

Land Marketing Consultants, PO Box 482, Lisbon MD, 21765

LOCATION OF WELL

Howard, Walnut Creek, Clarksville MD

DRILLER INFORMATION

Ralph Wayne, MS D 117, Ralph Wayne Well Drilling, 17024 Handy Rd Mt. Airy MD, 21221

SOURCES OF DRILLING WATER

well

ASHLEIGH DR., 240, DISTANCE FROM ROAD, TAX MAP: 28 BLK: 11 PARCEL 49

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, A520385, A520448, COUNTY NO. 13, STATE SIGNATURE, DATE ISSUED 09/12/2012, CO SIGNATURE, EXP. DATE 9/12/12

APPROXIMATE DEPTH OF WELL 150 FEET

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

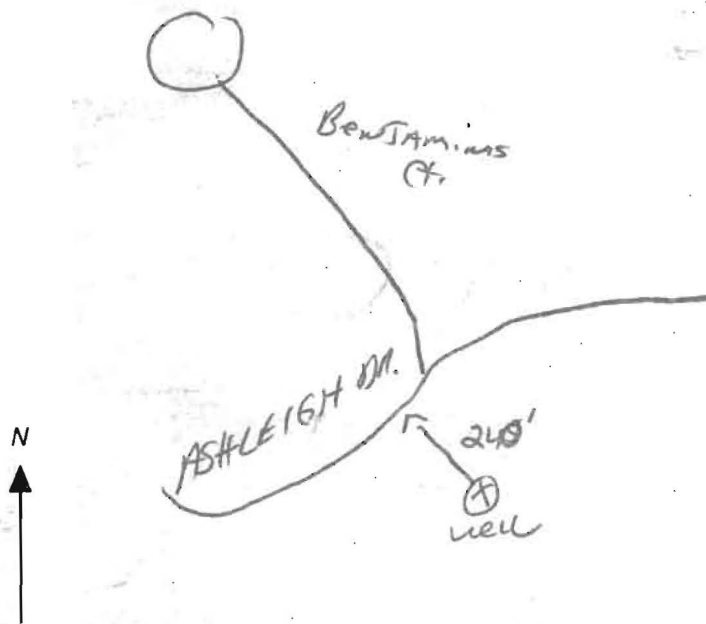
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

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)

APPROP. PERMIT NUMBER HA 2006 G020, PERMIT No. HO -95 -2372

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

Radius Sample required at yield test/all wells must be at least 100' apart



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 Pike
Boonsboro, 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: Craftrock Homes Telephone #: 703-952-0573
Subdivision: Walnut Creek Lot #: 54 Well Tag #: HO-95-2872V
Site Address: 12149 Hayland Farm way
Ellicott City, MD 21042

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Sta-Rite Make: American Grubst
Model #: STPH450502 Model #: PT800
Pump Capacity 7 GPM Depth: 36 (36" min)
Well Yield: 8.5 GPM NSF/WSC approved:
Depth of well encountered at time of pump installation: 245 (feet)
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

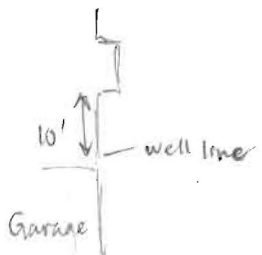
Piping to house House Connection
Type: Poly PVC sleeve to undisturbed soil at wall penetration: yes
PSI: 200 (160 psi min) Length of sleeve(5' minimum from foundation): 20
Depth of supply line: 36 (36" min) Sleeve sealed properly: yes

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: 9-28-15

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

Date Insp. Requested: 9/29/15 Date Insp. Approved: 9/29/15 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





# Fredericktowne Labs Inc.

ENVIRONMENTAL TESTING

3620 Ventris Court • P.O. BOX 245 • Myersville, MD 21773 • 800-332-3340 • FAX 301-293-2384  
www.fredericktownelabs.com • info@fredericktownelabs.com

## Certificate of Analysis

Acct. No. 3948 - 1437-1

### Field Record

Site visit performed on: Friday, December 18, 2015 10:30 AM  
by: Daniel Barnett State ID No. 8897DB  
Affiliation: Tri-County Pump Services  
Property Owner: Craftmark Homes  
Property Address: Lot 54  
12149 Hayland Farm Way  
Ellicott City, MD 21042  
Sample Source: Powder Room Faucet  
Treatment Devices Noted: No Treatment Devices  
Sample taken after treatment: No  
Well No.: HO-95-2372  
Field pH: 8.0  
Total Free Res. Cl.: <0.1 mg/l

### Laboratory Report

Sample Received at laboratory: 12/18/2015 2:27 PM

#### Bacteriological results:

| <u>Total Colif. (/100ml)</u> | <u>E.coli. (/100ml)</u> | <u>Start</u> |             | <u>End</u>  |             | <u>Method</u> | <u>Analyst</u> |
|------------------------------|-------------------------|--------------|-------------|-------------|-------------|---------------|----------------|
|                              |                         | <u>Date</u>  | <u>Time</u> | <u>Date</u> | <u>Time</u> |               |                |
| <1                           | <1                      | 12/18/15     | 14:45       | 12/19/15    | 14:36       | 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:

| <u>Parameter</u> | <u>Result</u> | <u>Units</u> | <u>MCL</u> | <u>Date of Analysis</u> | <u>Method</u>  | <u>Analyst</u> |
|------------------|---------------|--------------|------------|-------------------------|----------------|----------------|
| Nitrate-Nitrogen | 0.5           | mg/l         | 10         | 12/18/2015              | 300.0          | PH             |
| Sand             | <2            | mg/l         | 5          | 12/18/2015              | 0.065mm Filter | KMW            |
| Turbidity        | 0.1           | NTU          | 10         | 12/18/2015              | 180.1          | KMW            |

Reported by: Eden Mellott 12/21/15

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

Send Report To:

Bert Nixon

State of Maryland  
DHMH - Laboratories Administration  
Division of Environmental Chemistry  
**RADIATION LABORATORY**  
201 W. Preston Street, Baltimore, Maryland 21201  
John M. DeBoy, Dr. P. H., Director

**LABORATORY ANALYSIS REQUEST**

Sample Bottle No. A: — No. B: — Field Blank Bottle No. 1: F13KW92412 No B: —

Plant/Site Name: HCHD County: Howard

Sample Source: D2 H1L2 H2O Location: Lab  
(well no, lab sink, sample tap, etc.)

County:  1  3 Plant No.

CHECK (one per box)

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

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

|                        |                                     |
|------------------------|-------------------------------------|
| Source (raw water)     | <input checked="" type="checkbox"/> |
| Distribution (treated) | <input type="checkbox"/>            |
| MCL                    | <input type="checkbox"/>            |

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

Collector: K. Wolf

Telephone No.: 410 313 2645

Date Collected: 9/24/12

Time Collected: — a.m. 4 p.m.

Nitric Acid Preserved: Yes  No

Iced: Yes  No

Submitters Code:  Federal Project:

Field Data: — pH — Chlorine —

Remarks: Field blank for Gross alpha and beta

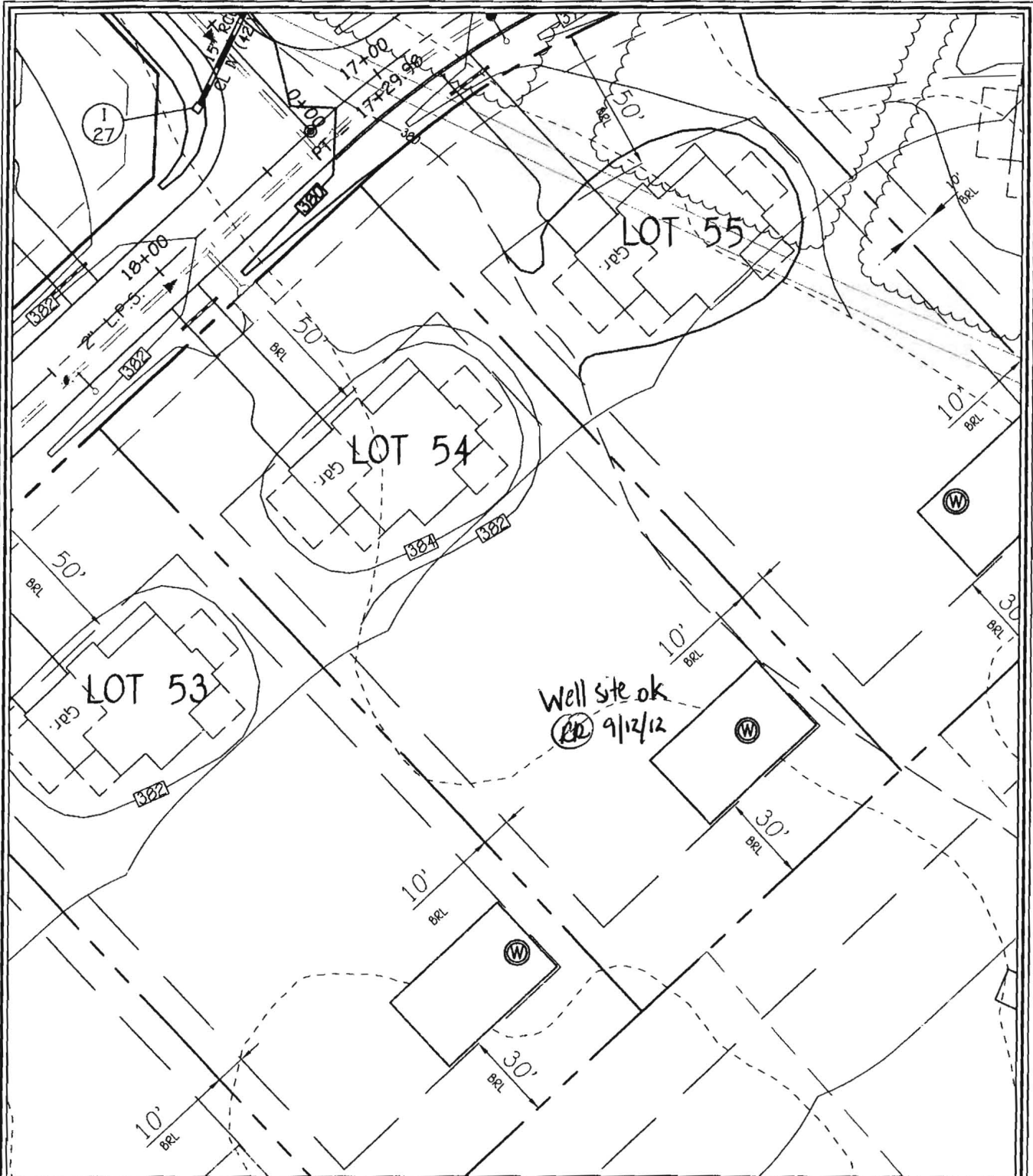
| ✓ | Test                  | EPA Code | Laboratory No. | Results (pCi/L) | Date Analyzed | Date Reported |
|---|-----------------------|----------|----------------|-----------------|---------------|---------------|
|   | Gross Alpha           | 4000     |                |                 |               |               |
|   | Gross Beta            | 4100     |                |                 |               |               |
|   | Radon-222<br>Bottle A | 4004     |                |                 |               |               |
|   | Radon-222<br>Bottle B | 4004     |                |                 |               |               |
| ✓ | Field Blank #A        | 4004     |                |                 |               |               |
|   | Field Blank #B        | 4004     |                |                 |               |               |
|   | Tritium               |          |                |                 |               |               |
|   | Ra - 226              | 4020     |                |                 |               |               |
|   | Ra - 228              | 4030     |                |                 |               |               |
|   | Total Uranium         | 4006     |                |                 |               |               |
|   |                       |          |                |                 |               |               |
|   |                       |          |                |                 |               |               |

Date Received: — / — / —

Supervisor: —

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





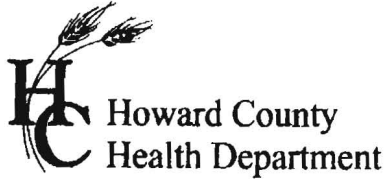
WELL LOCATION INFORMATION:  
 NORTHING = 572,098.06 EASTING = 1,327,501.07  
 LATITUDE = N39°14'15" LONGITUDE = W76°56'47"

**LOT 54 WELL MAP**  
**WALNUT CREEK**  
**PHASE TWO**

Lots 23 - 60, Non-Buildable Preservation Parcels  
 'C', 'G', 'I', 'K', 'L' And 'M', Buildable Bulk Parcels 'E' And 'H'  
 & Non-Buildable Parcel 'J'  
 ZONED: RC-DEO & RR-DEO

TAX MAP No. 28 GRID Nos. 4, 5, 10-12, 17, AND 18 PARCEL No. 49  
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 DATE: AUGUST 30, 2012 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 - 2955



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:

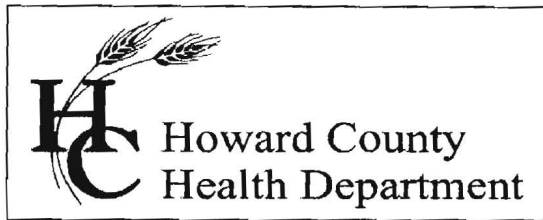
Well Site Location:

|                                  |              |                  |
|----------------------------------|--------------|------------------|
| Walnut Creek                     | 54           | Ashleigh Drive   |
| <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 04/22/12 (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](https://www.facebook.com/hocohealth)

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

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

### INTERIM CERTIFICATE OF POTABILITY

Expiration Date – June 23, 2016

December 23, 2105

Homeowner  
12149 Hayland Farm Way  
Ellicott City, MD 21042

**RE: Walnut Creek, Lot 54**  
**12149 Hayloand Farm Way**  
**Building Permit: B15002504**  
**Well Permit: HO-95-2372**

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 **12/09/2015**. Final approval of the well line connection to the dwelling was granted on **6/17/2015**. The well construction was completed on **9/29/2015**. Water samples were collected on **12/18/2015**.

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. 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-95-2372. 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 Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:

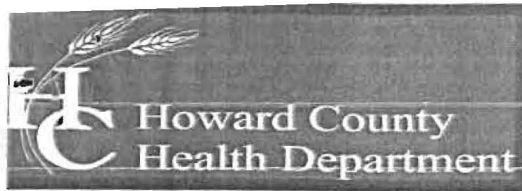
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

Approving Authority,

A handwritten signature in black ink that reads "Dana Bernard". The signature is written in a cursive style with a large initial "D".

Dana Bernard, LEHS,  
Groundwater Management Section  
Well & Septic Program

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



**Bureau of Environmental Health**

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

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., Acting Health Officer**

December 21, 2012

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

**RE: Walnut Creek Lot 54  
Ashleigh Drive  
Well Tag: HO - 95 - 2372**

Dear Mr. Feaga:

A sample was collected during a yield test on September 24, 2012 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  $5.8 \pm 2.0$  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: Barry Glotfelty, MDE Water Mgmt.  
Well & Septic property file

Send Report To:

B. + Nixon  
Howard County Health Department  
Bureau of Environmental Health  
7178 Columbia Gateway Drive  
Columbia, Maryland 21046

State of Maryland  
DHMH - Laboratories Administration  
Division of Environmental Chemistry  
**RADIATION LABORATORY**  
201 W. Preston Street, Baltimore, Maryland 21201  
John M. DeBoy, Dr. P. H., Director

E000630 825

**LABORATORY ANALYSIS REQUEST**

Sample Bottle No. A: H0-95-2372 No. B: — Field Blank Bottle No. 1: FBKW92412 No B: —

Plant/Site Name: Walnut Creek - Lot 54 County: Howard

Sample Source: AsbLugh Dr. Location: H0-95-2372  
(well no, lab sink, sample tap, etc.)

County:  1  3 Plant No.

CHECK (one per box)

Drinking Water   
Landfill   
Stream   
Other

Community   
Non-community   
Private   
Other

Source (raw water)   
Distribution (treated)   
MCL

Emergency   
Routine   
Recheck   
Special

Collector: K. Wolf

Telephone No.: 410 713 2645

Date Collected: 9/24/12 am

Time Collected: 11:00 a.m. — p.m.

Nitric Acid Preserved: Yes  No

Iced: Yes  No

Submitters Code:

Federal Project:

Field Data: — pH — Chlorine

Remarks: —

| ✓ | Test                  | EPA Code | Laboratory No. | Results (pCi/L) | Date Analyzed | Date Reported |
|---|-----------------------|----------|----------------|-----------------|---------------|---------------|
| ✓ | Gross Alpha           | 4000     | 0630           | < 2.0           | 09/26/12      | 09/27/12      |
| ✓ | Gross Beta            | 4100     | 0630           | 5.8 ± 2.0       | "             | "             |
|   | Radon-222<br>Bottle A | 4004     |                |                 |               |               |
|   | Radon-222<br>Bottle B | 4004     |                |                 |               |               |
|   | Field Blank #A        | 4004     |                |                 |               |               |
|   | Field Blank #B        | 4004     |                |                 |               |               |
|   | Tritium               |          |                |                 |               |               |
|   | Ra - 226              | 4020     |                |                 |               |               |
|   | Ra - 228              | 4030     |                |                 |               |               |
|   | Total Uranium         | 4006     |                |                 |               |               |
|   |                       |          |                |                 |               |               |
|   |                       |          |                |                 |               |               |

Date Received: 09/25/12

Supervisor: [Signature]

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

Send Report To:

State of Maryland  
DHMH - Laboratories Administration  
Division of Environmental Chemistry  
**RADIATION LABORATORY**  
201 W. Preston Street, Baltimore, Maryland 21201  
John M. DeBoy, Dr. P. H., Director

E000629 0:25M

**LABORATORY ANALYSIS REQUEST**

Sample Bottle No. A:        No. B:        Field Blank Bottle No. 1: F13KW92412 No B:       

Plant/Site Name: HCHD County: Howard

Sample Source: Distilled H<sub>2</sub>O Location: Lab  
(well no, lab sink, sample tap, etc.)

County:  1  3 Plant No.

CHECK (one per box)

Drinking Water   
Landfill   
Stream   
Other

Community   
Non-community   
Private   
Other

Source (raw water)   
Distribution (treated)   
MCL

Emergency   
Routine   
Recheck   
Special

Collector: K. Wolf

Telephone No.: 410 213 2615

Date Collected: 9/24/12

Time Collected:        a.m. 4 p.m.

Nitric Acid Preserved: Yes  No

Iced: Yes  No

Submitters Code:

Federal Project:

Field Data:        pH        Chlorine

Remarks: Field blank for Gross  $\alpha$  and  $\beta$

| ✓ | Test                  | EPA Code | Laboratory No. | Results (pCi/L) | Date Analyzed | Date Reported |
|---|-----------------------|----------|----------------|-----------------|---------------|---------------|
|   | Gross Alpha           | 4000     | 0629           | <2.0            | 09/26/12      | 09/27/12      |
|   | Gross Beta            | 4100     | 0629           | <4.0            | 11            | '             |
|   | Radon-222<br>Bottle A | 4004     |                |                 |               |               |
|   | Radon-222<br>Bottle B | 4004     |                |                 |               |               |
| ✓ | Field Blank #A        | 4004     |                |                 |               |               |
|   | Field Blank #B        | 4004     |                |                 |               |               |
|   | Tritium               |          |                |                 |               |               |
|   | Ra - 226              | 4020     |                |                 |               |               |
|   | Ra - 228              | 4030     |                |                 |               |               |
|   | Total Uranium         | 4006     |                |                 |               |               |
|   |                       |          |                |                 |               |               |
|   |                       |          |                |                 |               |               |

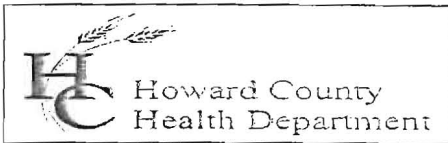
Date Received: 09/25/12

Supervisor: [Signature]

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

ORIG MAILED 10/15

# Invoice



Bureau of Environmental Health  
 Attn: Bert Nixon, Director

DATE: OCTOBER 15, 2012  
 DATES OF SERVICE: SEPT 20, 24 & 25 2012  
 INVOICE #: 2012-021

7178 Columbia Gateway Drive, Columbia, MD 21046-2147  
 Phone 410-313-2640 Fax 410-313-2648  
 www.hchealth.org

BILL TO Heritage Reality 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            |
|----------|---|---------|-------------------|
| 09/20/12 | Gross alpha/beta testing performed for Walnut Creek, Lot # 60<br>HO - 95 - 2370 |         | \$45.00           |
| 09/24/12 | Gross alpha/beta testing performed for Walnut Creek, Lot # 54<br>HO - 95 - 2372 |         | \$45.00           |
| 09/25/12 | Gross alpha/beta testing performed for Walnut Creek, Lot # 53<br>HO - 95 - 2366 |         | \$45.00           |
|          |   |         | <b>AMOUNT DUE</b> |
|          |   |         | <b>\$135.00</b>   |

Please detach and return with payment.

| REMITTANCE       |                                |
|------------------|--------------------------------|
| Invoice #        | 2012-021                       |
| Site Information | Walnut Creek Lots 53, 54, & 60 |
| Amount Due       | \$135.00                       |
| Amount Enclosed  |                                |

*payment received 12/21/12  
 receipt 4424 91*