

C 1 08160

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-520 448 A-520 385

ST/CO USE ONLY DATE Received MM DD YY 07 11 12

DATE WELL COMPLETED MM DD YY 08 23 12

Depth of Well 145' 10/3/2012

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-2359

OWNER Land Marketing Consultants WELL SITE ADDRESS ASHLEIGH DR. TOWN CLARKSVILLE MD SUBDIVISION Walnut Creek SECTION LOT 66

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

GROUTING RECORD form with fields for WELLS HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL (CEMENT, BENTONITE CLAY), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form with fields for casing types (STEEL, CONCRETE, PLASTIC, OTHER), MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) form with fields for diameter, depth.

SCREEN RECORD form with fields for screen type or open hole (STEEL, BRASS, BRONZE, PLASTIC, OPEN HOLE, OTHER), DEPTH (nearest ft.).

PUMPING TEST form with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED.

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.

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

DRILLERS LIC. NO. M D 117, DRILLERS SIGNATURE, LIC. NO. 1

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

DEPTH (nearest ft.) table with columns 1-76 and rows A-C, S-R, E-E, N. 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

LATITUDE 39.14.304 LONGITUDE 76.56.528 (DEFAULT COORD. WGS 84)

NOTES:

B 1	14957	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 538831-I please type	STATE PERMIT NUMBER HO -95 -2359 <small>fill in this form completely</small>
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OWNER INFORMATION

Date Received (APA) 08/06/12
8 MM DD YY 13

LARD MARKETING CONSULTANTS
15 Last Name Owner First Name 34

PO BOX 482
36 Street or RFD 55

LISBOW MD 21765
57 Town 70 State 72 Zip 76

LOCATION OF WELL

Howard
8 COUNTY 21

Walnut Creek
23 SUBDIVISION 42

SECTION 44 46 LOT 66 48 50
CLARKSVILLE

52 NEAREST TOWN 71

DRILLER INFORMATION

Ralph E. Mayne M S D 117
Driller's Name 76 License No. 81

Ralph Mayne Well Drilling
Firm Name

17024 Handy Rd. Mt. Airy MD. 21771
Address

R E Mayne 4/14/12
Signature Date

SOURCES OF DRILLING WATER

1. well

2.

3.

ASHLEIGH DR.
11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH
N
WEST W 32 EAST E
SOUTH S

34 225 37
DISTANCE FROM ROAD ft

ENTER FT OR MI 38 39

TAX MAP: 28 BLK: 11 PARCEL 49

WELL INFORMATION

APPROX. PUMPING RATE 5
(GAL. PER MIN.) 8 12

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A 200448 13
COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S →

DATE ISSUED 08/17/12 K-AT 8/17/13
43 MM DD YY 48 CO SIGNATURE EXP. DATE

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

8/23/2012
Radium Sample Collected
During Yield Test

ASHLEIGH DR.
HAYLAND FARM WAY

225'
well

N ↑

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 DEEPEINED 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 DEEPEIN AN EXISTING WELL

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

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

APPROP. PERMIT NUMBER HO 2006G020

PERMIT No. HO -95 -2359
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED- Radium 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-Country Service Telephone #: 30432-0330
Address: 6711 Old National Pkwy
Burgess, Md 21713

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:
Name (Print): William E. Griffith License# 20135

*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: Craftmark Home Telephone #: 903-932-0573
Subdivision: Walnut Creek Lot #: 66 Well Tag #: HO-95-2354
Site Address: 5001 Lindera Ct.
Ellicott City, Md 21042

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Sphero Make: American Gravity Two piece watertight cap: X
Model #: 87242505211 Model#: PT800 Screened, vented well cap: X
Pump Capacity 7 GPM Depth: 36 (36" min) Cap secured to casing: X
Well Yield: 10 GPM NSF/WSC approved: X Conduit min 18" B.G.: X
Depth of well encountered at time of pump installation: 145 (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

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

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: 12-2-2014

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

Date Insp. Requested: 12/5/14 Date Insp. Approved: 12/5/14 Inspector: SC
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope not outside of well cap/casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter



7178 Columbia Gateway Dr., Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. 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:

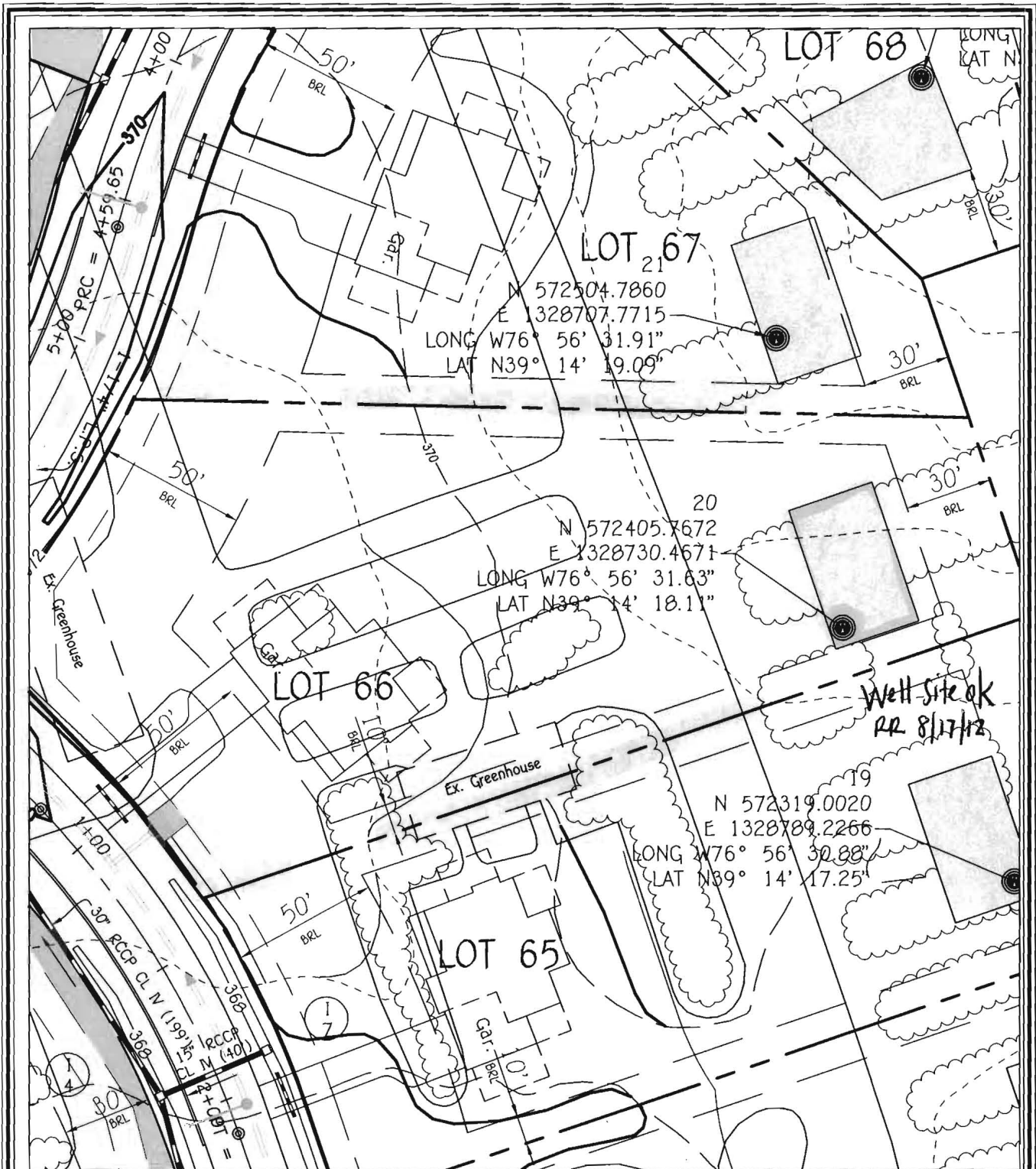
<u>Walnut Creek</u>	<u>66</u>	<u>Ashleigh Drive</u>
Subdivision/Property Name	Lot #	Road Name

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



WELL LOCATION INFORMATION:

NORTHING = EASTING =
 LATITUDE = LONGITUDE =

**LOT 66 WELL MAP
 WALNUT CREEK
 PHASE TWO**

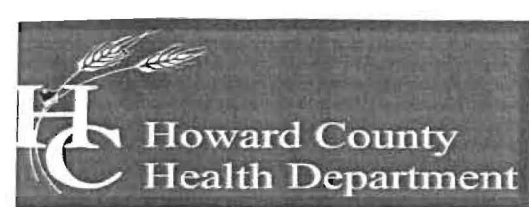
Lots 23 - 68, Non-Buildable Preservation Parcels
 'C', 'G', 'I', 'K', 'L' And 'M', Buildable Bulk Parcels 'E' And 'H'
 & Non-Buildable Parcel 'J'
 ZONED: RC-DEO & RR-DEO

TAX MAP No. 28 GRID Nos. 4, 5, 10-12, 17, AND 18 PARCEL No. 49
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 DATE: JULY 30, 2012 SCALE: 1"=50'

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461 - 2855

DILP

2011 SEP 11 PM 3 45



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

October 11, 2012

Heritage Realty & Land Management
Attn. Tim Feaga
15950 North Avenue, P.O. Box 482
Lisbon, Maryland 21765

RE: Walnut Creek Lot 66
Ashleigh Drive
Well Tag: HO - 95 - 2359

Dear Mr. Feaga:

A sample was collected during a yield test on August 23, 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 $< 4.0 \pm 0.0$ 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 cursive script that reads 'Bert Nixon'.

Bert Nixon, Director
Bureau of Environmental Health

Enclosure

cc: Barry Glotfelty, MDE Water Mgmt.
Well & Septic property file

Send Report To: Bert Nixon

Howard Co. Env Health

7178 Columbia Gateway Dr.

Columbia, MD 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

E000415 227

LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: 952359BB No. B: _____ Field Blank Bottle No. 1: 2359A No B: _____

Plant/Site Name: Walnut Creek - Lot 66 County: Howard

Sample Source: Ashleigh Drive Location: HO-95-2359
(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: B. Baker

Telephone No.: (410) 313-2643

Date Collected: 8/23/2012

Time Collected: 11:00 a.m. _____ p.m.

Nitric Acid Preserved: Yes ^{KH} No

Iced: Yes No

Submitters Code: Federal Project:

Field Data: _____ pH _____ Chlorine _____

Remarks: Sample Collected During Yield Test

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
✓	Gross Alpha	4000	415	22.0	8/29/12	9/4/12
✓	Gross Beta	4100	415	24.0	1	1
	Radon-222 Bottle A	4004				
	Radon-222 Bottle B	4004				
	Field Blank #A	4004				
	Field Blank #B	4004				
	Tritium					
	Ra - 226	4020				
	Ra - 228	4030				
	Total Uranium	4006				

Date Received: 8/27/12

Supervisor: [Signature]

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

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

Howard Co. Env. Health

7178 Columbia Gateway Dr. Columbia, MD 21046

E 000 414
Field Blank

LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: 952359BB No. B: _____ Field Blank Bottle No. 1: 2359A No B: _____

Plant/Site Name: Walnut Creek - Lot 66 County: Howard

Sample Source: Ashleigh Dr. Location: HO-95-2359
(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: B. Baker

Telephone No.: (410) 313-2643

Date Collected: 8/23/2012

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: Field Blank

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
✓	Gross Alpha	4000	414	<2.0	8/29/12	9/4/12
✓	Gross Beta	4100	414	<4.0	+	+
	Radon-222 Bottle A	4004				
	Radon-222 Bottle B	4004				
	Field Blank #A	4004				
	Field Blank #B	4004				
	Tritium					
	Ra - 226	4020				
	Ra - 228	4030				
	Total Uranium	4006				

Date Received: 8/27/12

Supervisor: [Signature]

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

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 95-2359
 Location of property (road) ASHLEIGH DR.
 Subdivision Walnut Creek Lot 66 Block _____ Plat _____ Sec. _____
 Well Driller Ralph Mayne Owner Land Marketing Consultants

Depth of well 145
 Distance of measuring point (M.P.) above ground 24
 Static water level (S.W.L.) below M.P. 22

I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 10 GPM
 Total time 15 min to reach pumping water level 23 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	22 ft.	6 Sec		10 GPM
	23	6	TEST STARTED	10
8:45	23 ft	6 Sec		10 GPM
9:00	23 ft	6 Sec		10 GPM
9:15	23 ft	6 Sec		10 GPM
9:30	23 "	6 "		10 "
9:45	23 "	6 "		10 "
10:00	23 "	6 "		10 "
10:15	23 ft	6 Sec		10 GPM
10:30	23 ft	6 Sec		10 GPM
10:45	23 ft	6 Sec		10 GPM
11:00	23 "	6 "		10 "
11:15	23 "	6 "		10 "
11:30	23 ft	6 Sec		10 GPM
11:45	23 ft	6 Sec		10 GPM



REScheck Software Version 4.5.0

Compliance Certificate

Project **Oakmont with Options**

Energy Code: **2012 IECC**
 Location: **Howard County, Maryland**
 Construction Type: **Single-family**
 Project Type: **New Construction**
 Conditioned Floor Area: **8,270 ft2**
 Glazing Area: **14%**
 Climate Zone: **4 (4999 HDD)**
 Permit Date:
 Permit Number:

Construction Site:

Owner/Agent:
 Craftmark Homes
 1355 Beverly Road, Suite #330
 McLean, VA 22101
 703-734-9855
 kmalm@craftmarkhomes.com

Designer/Contractor:
 Pinnacle Design & Consulting
 11150 Fairfax Blvd. Suite #402
 Fairfax, VA 22030
 703-218-3400

Compliance: Passes using UA trade-off

Compliance: **1.0% Better Than Code** Maximum UA: **983** Your UA: **973** Maximum SHGC: **0.40** Your SHGC: **0.30**

The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules. It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Glazing or Door U-Factor	UA
Ceiling 1: Flat Ceiling or Scissor Truss	3,272	49.0	0.0	0.026	84
Skylight 1: Vinyl Frame:Double Pane with Low-E SHGC: 0.25	32			0.420	13
2x6 Stud Walls: Wood Frame, 16" o.c.	5,250	19.0	0.0	0.060	255
Window 1: Vinyl Frame:Double Pane with Low-E SHGC: 0.30	923			0.360	332
French Door: Glass SHGC: 0.28	50			0.280	14
Door 2: Solid	20			0.200	4
2x6 Garage Wall: Wood Frame, 16" o.c.	363	19.0	0.0	0.060	21
Door 3: Solid	18			0.200	4
Wall 4: Solid Concrete or Masonry:Interior Insulation	2,376	13.0	0.0	0.083	187
Window 3: Vinyl Frame:Double Pane with Low-E SHGC: 0.30	74			0.360	27
Door 4: Glass SHGC: 0.28	53			0.280	15
Floor 1: All-Wood Joist/Truss:Over Unconditioned Space	396	30.0	0.0	0.033	13
Floor 2: All-Wood Joist/Truss:Over Outside Air	88	19.0	0.0	0.047	4

RESIDENTIAL BUILDING PERMIT PERMIT FEE AND EXCISE TAX WORKSHEET

PERMIT NUMBER _____

OWNER CRAFT MARK HUN ADDRESS MOORE OAKMONT W/ MOORE RUN

CONSTRUCTION PHASE: New X Addition _____ Alteration _____ Temporary _____

IRC USE GROUP: R-3 DESCRIPTION OF WORK: 2 story full bath, 11R, 4FG, 1AB, BRASS (432)

BUILDING	FRONT	DEPTH	HEIGHT	AREA	AREA
1	64	56	10	2905	
2	64	44	10	2426	
B	64	56	10	2499	
				GSF = 7830	OGSF =

Footings <u>16" x 24"</u>	Foundation <u>8" concrete</u>	Walls <u>40' brick / 10' v 8' STORM</u>	Roof <u>Asph / Flt</u>	Other
------------------------------	----------------------------------	--	---------------------------	-------

Residential Fee Calculations:

Residential - A building which contains one or more dwelling unit, including boarding houses but not including transient accommodations such as hotels, country inns, bed and breakfast inns. Residential includes uses accessory to building units such as attached garages or home occupations, but does not include non-residential uses in mixed use structures.

BPF = $\frac{7830}{\text{GSF}} \times \$1.18 = \$$ 1409⁴⁰ x 10% (Tech Fee) = 140⁹⁴

ET = $\frac{7830}{\text{OGSF}} \times \$1.08 = \$$ 8456⁴⁰ PSFS = $\frac{7830}{\text{OGSF}} \times \$1.21 = \$$ 9474³⁰

BPF = Building Permit Fee OGSF = Occupiable Gross Square Feet GSF = Gross Square Feet ET = Excise Tax PSFS = Public School Facilities Surcharge
Note: OGSF calculations may differ from GSF calculations when computing excise tax.

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PERMIT FEE, TECHNOLOGY FEE, SCHOOL SURCHARGE AND EXCISE TAX TOTAL: \$ _____

References: Chapter 285, Acts of the Maryland General Assembly of 1992; Howard County Code Sections 20.503; County Council Resolution 58-2008; 2004 Legislation House Bill 1445; 2006 International Residential Code for One and Two Family Dwellings

BY: [Signature] DATE: 11/7/2012 CHECKED BY: _____ DATE: _____

HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES & PERMITS

Permission is hereby granted by the Howard County Department of Inspections, Licenses & Permits for an entrance permit:

Owner BV Business Trust Phone 301-898-0377

Address Po Box 482, Lishon, MD 21765

New Building Address 5001 Lindera Court, Ellicott City, MD 21042

For what use: Entrance To SFD

Name of Contractor or Builder Craftmark Homes

Address 1355 Beverly Rd, Ste. 330, McLean, VA 22101

The applicant hereby certifies and agrees as follows: (1) that he is the owner or the duly authorized agent of the owner to make this application; (2) that he has read all of the information set forth and that the same is correct; (3) that the permit, when issued, may be declared void should said information be incorrect; (4) that he will comply with all rules and regulations of Howard County Bureau of Highways; (5) that he will perform no work on the entrance not specifically described in this permit.

It must be noted that a use & occupancy permit will not be issued until entrance is completed to Bureau of Highways Standards & Specifications.

It is agreed and understood by the acceptance of this permit, the following conditions will be followed.

- A. The construction of the entrance or approach will, in no way, change the grade/and or alignment of any existing drainage ditches or structures. In the event same are damaged or destroyed, they shall be replaced to the satisfaction of the Howard County Department of Public Works representative.
- B. The right-of-way, affected by this permit, will be left in a neat and clean condition and no excess material will be permitted to remain on or adjacent to the right-of-way. Shoulders and flow-line areas disturbed shall be shaped up according to the Howard County Bureau of Highways Standards and Specifications. (For Driveway and Flow-line area.)

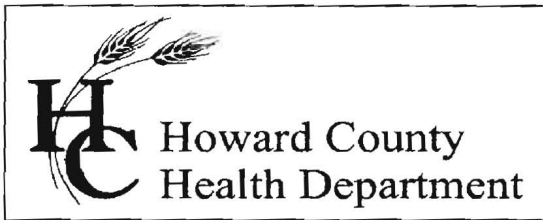
In consideration of the issuance of this permit, the applicant agrees that if he fails to comply with the above set-out standards and thereby causes damage to the Howard County Road System, that the applicant will be responsible to Howard County for such damage to its road system.

Sign [Signature] for Craftmark Homes
(Name of applicant)

Address 6557 Ballymore Ct, Clarksville, MD 21029

Date 7/11/14 Approved _____

ATTENTION: The permit, when issued, is valid for period not to exceed six months.



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 – SEPTEMBER 6, 2015

March 6, 2015

Homeowner
5001 Lindera Court
Ellicott City, MD 21042

**RE: Walnut Creek, Lot 66
5001 Lindera Court
Building Permit: B14003320
Well Permit: HO-95-2359**

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 **2/24/2015**. Final approval of the well line connection to the dwelling was granted on **12/5/2014**. The well construction was completed on **8/23/2012**. Water samples were collected on **2/13/2015**.

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking.

Gross Alpha and Beta samples were also collected on **10/23/2012**. 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.

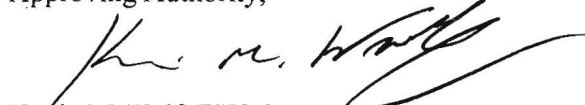
This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-95-2259. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

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, EHS Supervisor
Environmental Health Specialist
Well & Septic Program

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



Fredericktowne Labs Inc.

ENVIRONMENTAL TESTING

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 www.fredericktownelabs.com • Info@fredericktownelabs.com

Certificate of Analysis

Acct. No. 3948 - 1236-1

Field Record

Site visit performed on: Friday, February 13, 2015 11:00 AM
 by: Don Thomas State ID No. 8765DT
 Affiliation: Tri-County Pump Service Inc.
 Property Owner: Craftmark Homes.
 Property Address: 5001 Lindera Ct
 Lot 66
 Ellicott City, MD 21042
 Sample Source: First Floor Powder Room
 Well No.: HO-95-2359
 Field pH: 7.4
 Total Res. Cl.: 0.0 mg/l

Laboratory Report

Sample Received at laboratory: 2/13/2015 1:48 PM

Bacteriological results:

Total Colif. (/100ml)	E.coli.(/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
<1 ✓	<1 ✓	02/13/15	16:00	02/14/15	16:00	9223B	AS

Bacteriological analysis of this sample indicates the water is safe for human consumption and meets federal, state and local requirements. Analysis was performed according to the 20th edition of Standard Methods

Inorganic Chemical results:

Parameter	Result	Units	MCL	Date of Analysis	Method	Analyst
Nitrate-Nitrogen	2.7	mg/l ✓	10	2/13/2015	300.0	PH
Sand	<2	mg/l ✓	5	2/17/2015	0.065mmFilter	JD
Turbidity	2.2	NTU' ✓	10	2/13/2015	180.1	KMW

Reported by: Edley Mellott 2/13/15
 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