

B 1 0598

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 527292 please type

STATE PERMIT NUMBER HO-95-1253 fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13 BASSLER Venture LLC 15 Last Name Owner First Name 34 15950 W. AVE. PO BOX 482 36 LISBON MD 21765 55 57 Town 70 State 72 Zip 76

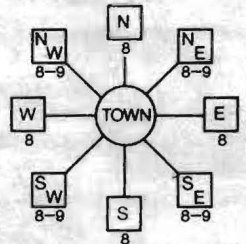
B 3

LOCATION OF WELL

8 COUNTY Howard 21 23 SUBDIVISION Walnut Creek 42 SECTION 44 46 LOT 124 48 50 CLARKSVILLE 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 73 76 77 78

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 Road D 30 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH 150 37 150 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: 28 BLK 11 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)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 9/14/07 Brian Baker 9/14/2008 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 50 512 000 55 EAST GRID 57 815 000 63

APPROXIMATE DEPTH OF WELL 150 24 28 FEET APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTary (circled) AIR-PERcussion ROTARY (Hydraulic Rotary) 37 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 G PERMIT No. HO95-1253 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

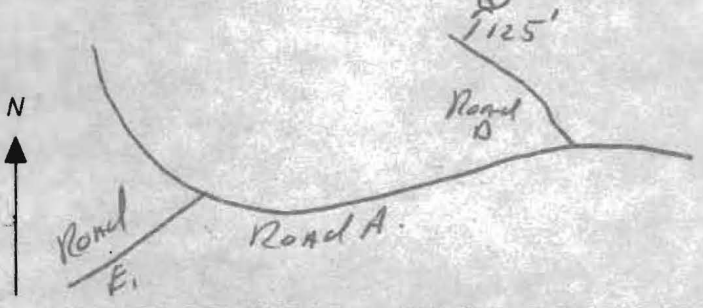
- 1. well 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

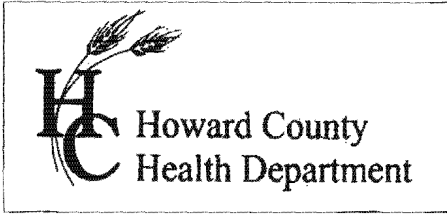
E 81X5 N 50X12

Radium Sample Collected During Yield Test (circled X)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS Radium Sample Needed if Well May Become Potable



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	124	Road A D
Subdivision/Property Name	Lot #	Road Name

The well site has been staked by Fisher, Collins & Carter, Inc.,
 (professional land surveyor or company employing professional land surveyors)
 on 08/08/07 (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.

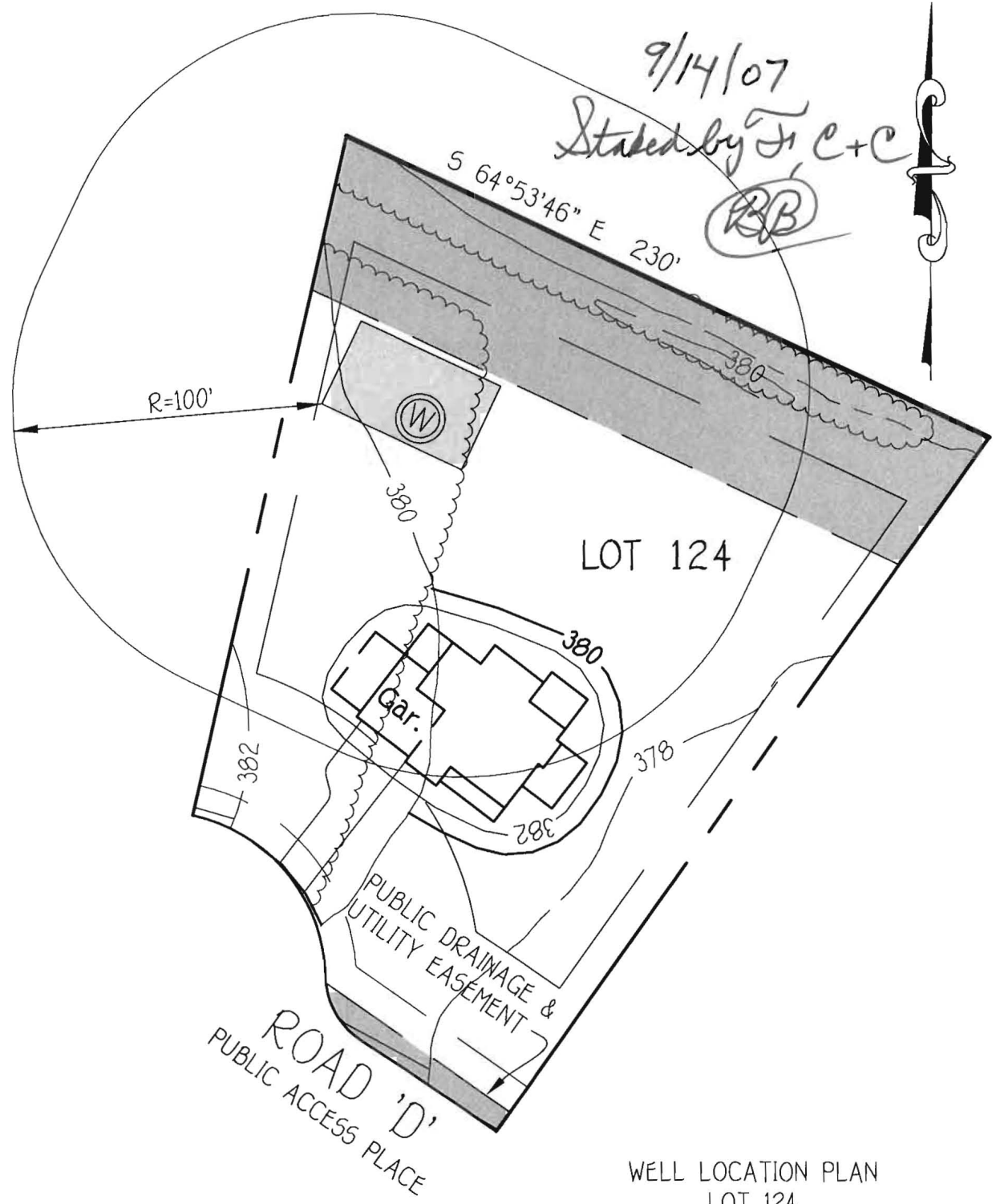
This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 3/11/07

9/14/07

Stated by F C + C

RB



WELL LOCATION PLAN
LOT 124

ZONED RC-DEO & RR-DEO

TAX MAP No. 58 GRID No. 4, 5, 10-12, 17 & 18

PARCEL No. 49

FIFTH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

SCALE 1"=50' DATE: JULY 27, 2007

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



CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2855

**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: Dout Plumbing & Health LLC Telephone #: 2409870069
Address: 9935 Old Mill Rd
RC MD 21042

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:

Name (Print): Paul Gillet License# 21899

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: TBF Telephone #: 410-480 0923
Subdivision: Walnut Creek Lot #: 37 Well Tag #: HO-95-1253
Site Address: 5122 Honey Locust Ct
RC MD 21042

Submersible Pump Data

Make: Myers
Model #: 25752-17plu-P4-2
Pump Capacity 10 GPM
Well Yield: 10 GPM

Pitless Adapter

Make: American Gravity
Model#: PT800 LF
Depth: yes (36" min)
NSP/AVSC approved: yes

Well Cap and Electric Conduit

Two piece watertight cap: yes
Screened, vented well cap: yes
Cap secured to casing: yes
Conduit min 18" B.G.: yes
Conduit secured to well cap: yes

Depth of well encountered at time of pump installation: 120 (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 yes

Piping to house

Type: plastic
PSI: yes (160 psi min)
Depth of supply line: 42 (36" min)

House Connection

PVC sleeve to undisturbed soil at wall penetration: yes
Length of sleeve (5' minimum from foundation): yes
Sleeve sealed properly: yes

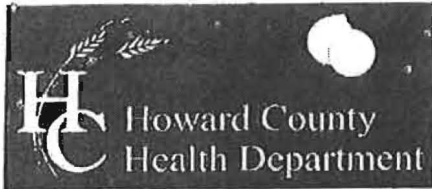
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation

Paul Gillet
Date Jan-12-2015

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

Date Insp. Requested: _____ Date Insp. Approved: 3/31/15 Inspector: (KW)
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 ✓



Bureau of Environmental Health
 7178 Columbia Gateway, Columbia, MD 21046-2147
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

RECEIVED
 FEB 25 2008

February 22, 2008

ENTERED

WCC 317
 s/b

BY:

Heritage Realty and Land Development
 15950 North Avenue
 P.O. Box 482
 Lisbon, Maryland 21765

RE: Walnut Creek Subdivision Lot 124
 Well Tag: HO-95-1253


To Whom it May Concern:

A sample was collected from a yield test on October 17, 2007 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. In turn, this can provide information regarding naturally occurring radiation (i.e., Radionuclides) that may exist in your area of development within the County.

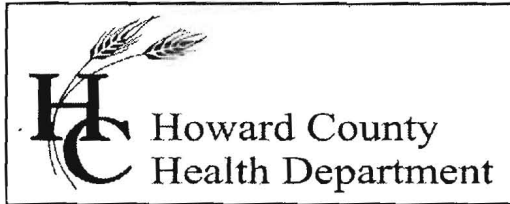
Results from this screening revealed a **Gross Alpha** of 3.0 ± 2.0 picocuries/liter (pCi/L); while the **Gross Beta** level was less than 3.0 ± 2.0 pCi/L. Both the **Gross Alpha** and **Gross Beta** were below the maximum contaminant level (MCL) of 15 pCi/L and the targeted value of 50 pCi/L (roughly 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 appears safe for all uses. No additional testing for these parameters will be required to secure the future Use & Occupancy. However, other standard testing will still be necessary.

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

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



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 1, 2016

July 1, 2015

Homeowner
5122 Honey Locust Court
Ellicott City, MD 21042

**RE: Walnut Creek, Lot 37
5122 Honey Locust Court
Building Permit: B14001333
Well Permit: HO-95-1253**

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 **6/19/2015**. Final approval of the well line connection to the dwelling was granted on **3/3/2015**. The well construction was completed on **10/16/2007**. Water samples were collected on **6/23/2015**.

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 **10/17/2007**. Results showed a Gross Alpha level of **3.0 ± 2.0 pCi/L** and **Gross Beta** level of **3.0 ± 2.0 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.

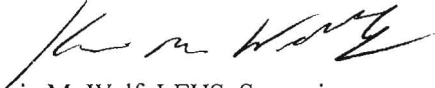
This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-95-1253. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

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,

A handwritten signature in black ink, appearing to read "Kevin M. Wolf". The signature is written in a cursive style with a large initial "K" and a long horizontal stroke.

Kevin M. Wolf, LEHS, Supervisor
Groundwater Mgmt. Sec.
Well & Septic Program

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

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #: 101512 Account #: 4035
Reference: Walnut Creek Lot 37 Company: Trinity Quality Homes, Inc.
Location: 5122 Honey Locust Court Requested By: Michael Pfau
Ellicott City, MD 21042 Source: Well Water
Date/ Time Collected: 6/23/2015 0956 Site: Pressure Tank
Date/Time Rec'd: 6/23/2015 1305 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 7.6
Collected By: C. Mooshian 7268CM Well #: HO-95-1253

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	6/24/2015 / 0900 / LLO
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	6/24/2015 / 0900 / LLO
Nitrate	5.76	mg/L	10	601	6/23/2015 / 1600 / CRS
Turbidity	0.65	NTU	<10	SM18 2130B	6/23/2015 / 1645 / CRS
Sand	NS	mg/L	5	Visual/Gravimetric	6/23/2015 / 1645 / CRS

NOTES

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NS = None Seen (NS indicates less than 5 mg/L)
- 4 NTU = Nephelometric Turbidity Units
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 ND:None Detected
- 7 Visual well check: Sealed, vented cap
- 8 pH & Chlorine level tested on site

Reason for Test : Use & Occupancy
Building Permit # : 14001333

Date Reported: 6/24/2015

Reviewed By: 



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

RECEIVED
FEB 25 2008

February 22, 2008

ENTERED

BY:-----

Heritage Realty and Land Development
15950 North Avenue
P.O. Box 482
Lisbon, Maryland 21765

RE: Walnut Creek Subdivision Lot 124
Well Tag: HO-95-1253

To Whom it May Concern:

A sample was collected from a yield test on October 17, 2007 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. In turn, this can provide information regarding naturally occurring radiation (i.e., Radionuclides) that may exist in your area of development within the County.

Results from this screening revealed a **Gross Alpha** of 3.0 ± 2.0 picocuries/liter (pCi/L); while the **Gross Beta** level was **less than 3.0 ± 2.0 pCi/L**. Both the **Gross Alpha** and **Gross Beta** were below the **maximum contaminant level (MCL)** of 15 pCi/L and the 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 appears safe for all uses. No additional testing **for these parameters** will be required to secure the future Use & Occupancy. However, other standard testing will still be necessary.

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

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

Send Report 10:

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: 40-95-1253 No. B: _____ Field Blank Bottle No. A: _____ No. B: _____

Plant/Site Name: Walnut Creek Lot 124 County: Howard

Sample Source: _____ Location: 40-95-1253
(well no., lab sink, sample tap, etc.)

County: 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: 410-313-2645

Date Collected: 10/17/07

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

Nitric Acid Preserved: Yes No

Iced: Yes No

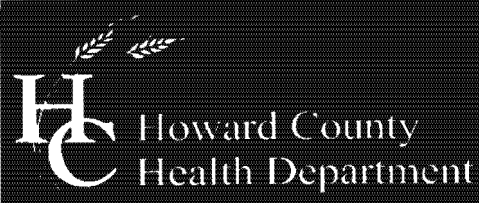
Submitters Code: Federal Project: Field Data: _____

Remarks: Sample collected @ end of field pH _____ Chlorine _____

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Reported
✓	Gross Alpha	4000	0916	3±2	10/19/07
✓	Gross Beta	4100	0916	<3	"
	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: 10/17/07

Supervisor: [Signature]



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

February 22, 2008

Heritage Realty and Land Development
15950 North Avenue
P.O. Box 482
Lisbon, Maryland 21765

RE: Walnut Creek Subdivision Lot 124
Well Tag: HO-95-1253

To Whom it May Concern:

A sample was collected from a yield test on October 17, 2007 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. In turn, this can provide information regarding naturally occurring radiation (i.e., Radionuclides) that may exist in your area of development within the County.

Results from this screening revealed a **Gross Alpha** of 3.0 ± 2.0 picocuries/liter (pCi/L); while the **Gross Beta** level was **less than 3.0 ± 2.0 pCi/L**. Both the **Gross Alpha** and **Gross Beta** were below the **maximum contaminant level (MCL)** of 15 pCi/L and the 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 appears safe for all uses. No additional testing **for these parameters** will be required to secure the future Use & Occupancy. However, other standard testing will still be necessary.

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

cc: Barry Glotfelty, MDE Water Mgmt.
/ Well & Septic File

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: HO-95-1253 No. B: _____ Field Blank Bottle No. A: _____ No. B: _____

Plant/Site Name: Walnut Creek Lot 124 County: Howard

Sample Source: _____ Location: HO-95-1253
(well no., lab sink, sample tap, etc.)

County: 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: 410-313-2645

Date Collected: 10/17/07

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

Nitric Acid Preserved: Yes No

Iced: Yes No

Submitters Code: Federal Project:

Field Data: _____

Remarks: Sample collected @ end of field pH _____ Chlorine _____

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Reported
✓	Gross Alpha	4000	0916	3±2	10/19/07
✓	Gross Beta	4100	0916	<3	11
	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: 10/17/07 11:00

Supervisor: [Signature]