

C1 26575 SEQUENCE NO. (MDE USE ONLY)  
 1 2 3 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)  
 ST/CO USE ONLY  
 DATE Received  
 MM DD YY 08 21 14  
 8 13

**STATE OF MARYLAND**  
**WELL COMPLETION REPORT**  
 FILL IN THIS FORM COMPLETELY  
 PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY A 520 385  
 NUMBER A 520 448  
 PERMIT NO. FROM "PERMIT TO DRILL WELL"  
 140 - 95 - 2668  
 28 29 30 31 32 33 34 35 36 37

DATE WELL COMPLETED MM DD YY 07 21 14  
 Depth of Well 22 105 26 (TO NEAREST FOOT)  
 OWNER Bassler Venture LLC  
 WELL SITE ADDRESS last name HAYLAND FARM way first name TOWN CLARKSVILLE MD  
 SUBDIVISION Walnut Creek PHASE III SECTION LOT 77

**WELL LOG**  
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	50	✓
Sand Stone	50	60	
MICKA	60	75	→
Sand Stone	75	80	✓
MICKA	80	105	

**GROUTING RECORD** yes no  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  Y  N  
 TYPE OF GROUTING MATERIAL (Circle one)  
 CEMENT  CM BENTONITE CLAY  BC  
 NO. OF BAGS 45 46 20 NO. OF POUNDS 45 46 2000  
 GALLONS OF WATER 120  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 63 ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 STEEL  CONCRETE  
 PLASTIC  OTHER  
 MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)  
 PL 6 65  
 60 61 63 64 66 70

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

**SCREEN RECORD**  
 screen type or open hole insert appropriate code below  
 STEEL  BRASS  OPEN HOLE  
 BRONZE  PLASTIC  OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0  
 WELL HYDROFRACTURED yes  Y no  N

CIRCLE APPROPRIATE LETTER  
 A 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. M S D 112  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 LIC. NO. D

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

**C 2** DEPTH (nearest ft.)  
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100  
 140 63 105

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68  
 MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) W Q  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C 3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min.) 10  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 24 ft.  
 WHEN PUMPING 28 ft.  
 TYPE OF PUMP USED (for test)  
 air  piston  turbine  
 centrifugal  rotary  other (describe below)  
 jet  submersible

**PUMP INSTALLED**  
 DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) 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 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 } LAND SURFACE  
 - below } 2 (nearest foot)

LATITUDE 39.239968  
 LONGITUDE 76.95025  
 (DEFAULT COORD. WGS 84)  
 NOTES:

B 1 26807

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO - 95 - 2668

fill in this form completely

546283-G please type

Date Received (APA)

03 20 14

OWNER INFORMATION

Bassler Venture LLC, PO BOX 482, Lisbow MD 21765

B 3

LOCATION OF WELL

Howard COUNTY, Walnut Creek Phase III, CLARKSVILLE

DRILLER INFORMATION

Rahul Mayre MSD 117, RAHUL MAYRE well Drilling, 17024 Handy Rd Mt. Airy MD 21722

B 4

SOURCES OF DRILLING WATER

1. well

HAYLAND FARM Hwy, 250, DISTANCE FROM ROAD, TAX MAP: 28, PARCEL 49

B 2

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 13, COUNTY NAME, COUNTY NO., DATE ISSUED 03/28/2014, EXP. DATE 3/28/15

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 64 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered), JETTED, Jetted & DRIVEN, AIR-ROTary, AIR-PERCussion, ROTARY (Hydraulic Rotary), CABLE, REVERSE-ROTary, DRIVE-POINT

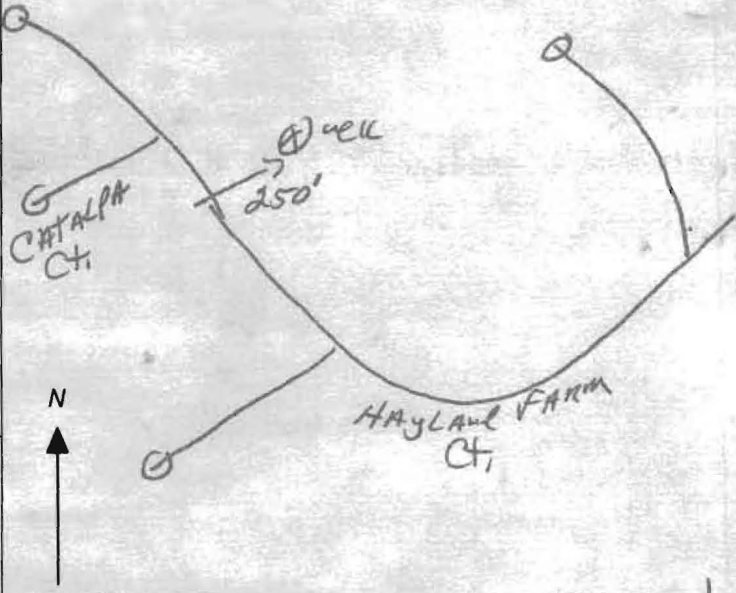
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

- 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

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

APPROX. PERMIT NUMBER HD 2006G020, PERMIT No. HO - 95 - 2668

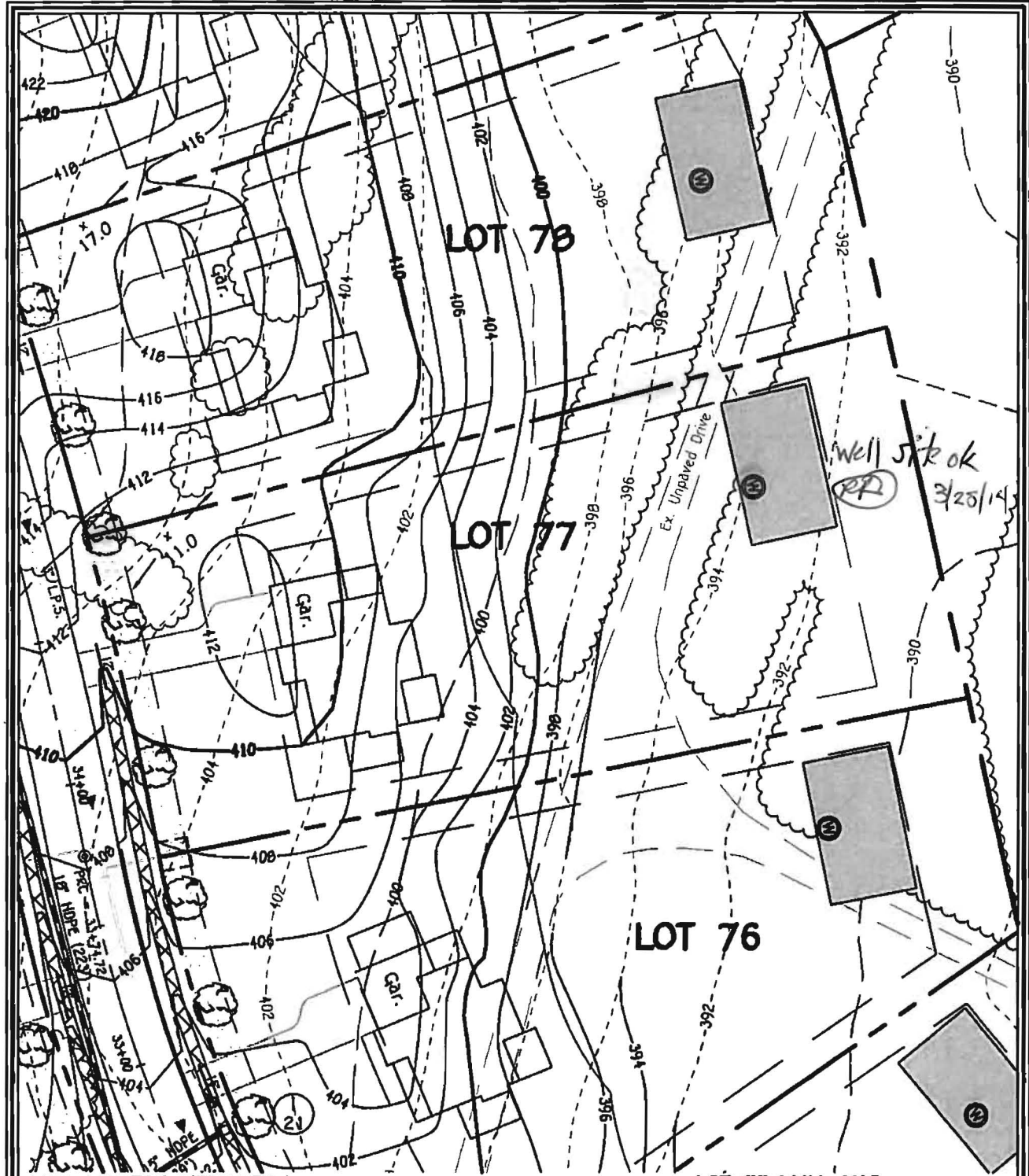
PROPOSED LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL



SPECIAL CONDITIONS Radium Sample required at yield test & all wells must be at least 100 feet apart



I:\2004\04001\dwg\PHASE THREE FINALS\04001 Phase Three WELL MAPS Lots 71-81 & Lot 39.dwg, 3/10/2014 11:18:57 AM, \ISRVIDS Generic



**WELL LOCATION INFORMATION:**

NORTHING = 572,898.36 EASTING = 1,326,415.10  
LATITUDE = N39°14'23" LONGITUDE = W76°57'01"

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIC NATIONAL PIKE  
ELLSWORTH CITY, MARYLAND 21042  
(410) 461 - 2999

**LOT 77 WELL MAP  
WALNUT CREEK  
PHASE THREE**

Lots 69 - 114, Non-Buildable Preservation Parcels  
'O' Thru 'R' & 'V', Non-Buildable Parcel 'S', Buildable Preservation  
Parcel 'T' and Buildable Bulk Parcel 'U'  
ZONED: RC-DEO & RR-DEO  
TAX MAP No. 28 GRID Nos. 4, 5, 10-12, 17, AND 18  
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
DATE: MARCH 10, 2014 SCALE: 1" = 50'



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:

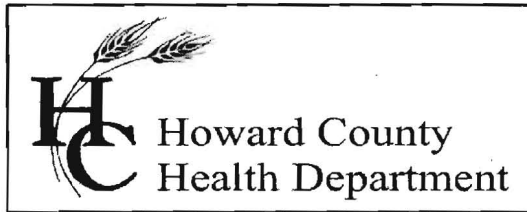
Walnut Creek                      77                      Hayland Farm Way  
Subdivision/Property Name                      Lot #                      Road Name

The well site has been staked by Fisher, Collins and Carter, Inc.,  
(professional land surveyor or company employing professional land surveyors)  
on 03/21/14 (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 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 9, 2017

March 9, 2017

Homeowner  
12202 Hayland Farm Way  
Ellicott City, MD 21042

**RE: Walnut Creek, Lot 77  
12202 Hayland Farm Way  
Building Permit: B16004120  
Well Permit: HO-95-2668**

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 **2/27/2017**. Final approval of the well line connection to the dwelling was granted on **12/14/2016**. The well construction was completed on **7/21/2014**. Water samples were collected on **2/15/2017**.

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.

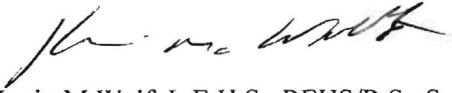
Gross Alpha and Beta samples were also collected on **7/21/2014**. Results showed a Gross Alpha level of **3.4 ± 1.2 pCi/L** and **Gross Beta** level of **4.0 ± 0.0 pCi/L**. The Gross Alpha was below the maximum contaminant level (MCL) of 15 pCi/L and the Gross Beta was below the target level of 50pCi/L (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-95-2668. 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.**

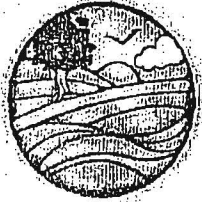
Please contact (410) 313-1773 to schedule a final water sample appointment or contact a certified water quality laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:  
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

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



# Fredericktowne Labs Inc.

ENVIRONMENTAL TESTING

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

Walnut 77

## Certificate of Analysis

Acct. No. 3948 - 1744-1

### Field Record

Site visit performed on: Wednesday, February 15, 2017 12:12 PM  
 by: Brian Kepler State ID No. 1063BK  
 Affiliation: Tri-County Pump Service  
 Property Owner: Craftmark Homes  
 Property Address: 12202 Hayland Farm Way  
 Ellicott City, MD 21042  
 Sample Source: 1st Floor Powder Room Sink  
 Treatment Devices Noted: No Treatment Devices  
 Well No.: HO-95-2668  
 Field pH: 8.0  
 Free Res. Cl.: 0.0 mg/l

### Laboratory Report

Sample Received at laboratory: 2/15/2017 1:02 PM

#### Bacteriological results:

Total Colif. (/100ml)	E.coli.(/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
<1	<1	02/15/17	13:50	02/16/17	14:02	9223B	KMW

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	5.1 mg/l	10	2/15/2017	300.0	PH
Sand	3 mg/l	5	2/16/2017	0.065mm Filter	KB
Turbidity	2.8 NTU	10	2/15/2017	180.1	KB

Reported by: Cristy Phelps 5/21/17  
 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

2/16/2017 4:51:07 PM

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: Tr. County Home Serv. Inc Telephone #: 301-432-0370
Address: 621 Old National Rd
Baltimore, Md 21213

(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: Crabrock Homes Telephone #: 410-932-0523
Subdivision: Walnut Creek Lot #: 77 Well Tag #: HO-95-2668
Site Address: 12202 Hayland Farm Way
Ellicott City, Md 21042

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Stalco Make: American Grandy Two piece watertight cap: Y
Model #: S7P4H505221 Model #: PT800 Screened, vented well cap: Y
Pump Capacity 7 GPM Depth: 36" 36" min Cap secured to casing: Y
Well Yield: 10 GPM NSF/WSC approved: Conduit min 18" B.G.: Y
Depth of well encountered at time of pump installation: 105 (feet) Conduit secured to well cap: Y
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: Y
PSI: 200 (160 psi min) Length of sleeve(5' minimum from foundation): 20'
Depth of supply line: 36" (36" min) Sleeve sealed properly: Y

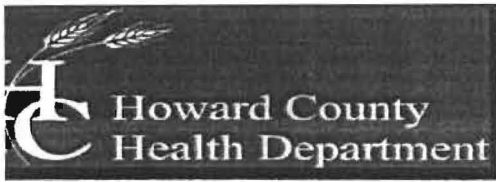
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: William E. Griffith date: 12-13-2016

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

Date Insp. Requested: 12/14/16 Date Insp. Approved: 12/14/16 Inspector: SC/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





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)

Maura Rossman, M.D., Health Officer

September 8, 2014

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

RE: Walnut Creek Phase III Lot 77  
Hayland Farm Way  
Well Tag: HO - 95 - 2668

Dear Mr. Feaga:

A sample was collected during a yield test on July 21, 2014 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  $3.4 \pm 1.2$  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: Property file

SEND REPORT TO: Derf Nixon  
 Howard County Health Department  
 Bureau of Environmental Health  
 8930 Stanford Blvd.  
 Columbia, Maryland 21045

DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
 Laboratories Administration  
 201 W. Preston St., Baltimore, MD 21201  
 Robert A. Myers, Ph.D., Director

Lab No. 0198-222

RADIATION ANALYSIS REQUEST FORM

Plant/Site Name: Walnut Creek, Phase III, Lot 77 County: Howard

Sample Source: Well - "Hayland Farm Way" (HC 2668) Location: HO-95-2668  
 (Well no., lab sink, sample tap, etc.)

Radon-222 Bottle A \_\_\_\_\_ Radon-222 Field Blank Bottle A \_\_\_\_\_  
 Bottle B \_\_\_\_\_ Bottle B \_\_\_\_\_

County 13 Plant No. \_\_\_\_\_

CHECK (one per Box)

Type	Service	Point of Collection	Testing
Drinking Water <input checked="" type="checkbox"/>	Community <input type="checkbox"/>	Source (Raw) <input checked="" type="checkbox"/>	Emergency <input type="checkbox"/>
Landfill <input type="checkbox"/>	Non-Community <input type="checkbox"/>	Distribution (treated) <input type="checkbox"/>	Routine <input checked="" type="checkbox"/>
Stream <input type="checkbox"/>	Private <input checked="" type="checkbox"/>	MCL <input type="checkbox"/>	Recheck <input type="checkbox"/>
Other <input type="checkbox"/>	Other <input type="checkbox"/>		Special <input type="checkbox"/>

Submitters Code: \_\_\_\_\_ Federal Project: 5  
 Collector: R. Rappert Telephone No.: 410-313-1781  
 Date Collected: 7/21/14 Time Collected: 11:15 a.m. \_\_\_\_\_ p.m.  
 Field pH: \_\_\_\_\_ Field Chlorine: \_\_\_\_\_  
 Nitric Acid Preserved: Yes  No  Iced: Yes  No

Remarks: Sample taken during yield test.

TEST	EPA Code	Lab No.	Method No.	Results (pCi/L)	Date Analyzed	Analyst	Date Reported
<input checked="" type="checkbox"/> Gross Alpha	4000	0198	EPA 900.0	3.4 ± 1.2	7/26/14	CWB	7/29/14
<input checked="" type="checkbox"/> Gross Beta	4100	0198		4.0			
<input type="checkbox"/> Radium-226	4020						
<input type="checkbox"/> Radium-228	4030						
<input type="checkbox"/> Total Uranium	4006						
<input type="checkbox"/> Radon-222 (Bottle A)	4004						
<input type="checkbox"/> Radon-222 (Bottle B)	4004						
<input type="checkbox"/> Radon Field Blank A	4004						
<input type="checkbox"/> Radon Field Blank B	4004						
<input type="checkbox"/> Tritium							

Date Received: 07/22/14 Received By: C. W. Miller, Boyd  
 Data Release Signature: Nelson Miller - JWB Date: 7/29/14

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

FORM REVISED 01/13  
 DHBH 4540 01/13

CUSTOMER COPY I

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

Laboratories Administration  
 201 W. Preston St., Baltimore, MD 21201  
 Robert A. Myers, Ph.D., Director

Lab No. 880196-223

RADIATION ANALYSIS REQUEST FORM

Plant/Site Name: Field Blank County: Howard  
 Sample Source: HC0000 (distilled H2O) Location: Env. Health Lab  
 (Well no., lab sink, sample tap, etc.)  
 Radon-222 Bottle A \_\_\_\_\_ Radon-222 Field Blank Bottle A \_\_\_\_\_  
 Bottle B \_\_\_\_\_ Bottle B \_\_\_\_\_  
 County 13 Plant No. \_\_\_\_\_

CHECK (one per Box)

Type	Service	Point of Collection	Testing
Drinking Water <input checked="" type="checkbox"/>	Community <input type="checkbox"/>	Source (Raw) <input checked="" type="checkbox"/>	Emergency <input type="checkbox"/>
Landfill <input type="checkbox"/>	Non-Community <input type="checkbox"/>	Distribution (treated) <input type="checkbox"/>	Routine <input checked="" type="checkbox"/>
Stream <input type="checkbox"/>	Private <input checked="" type="checkbox"/>	MCL <input type="checkbox"/>	Recheck <input type="checkbox"/>
Other <input type="checkbox"/>	Other <input type="checkbox"/>		Special <input type="checkbox"/>

Submitters Code: \_\_\_\_\_ Federal Project: 3  
 Collector: R. Rappaport Telephone No.: 410-313-1781  
 Date Collected: 7/21/14 Time Collected: \_\_\_\_\_ a.m. 3 p.m.  
 Field pH: \_\_\_\_\_ Field Chlorine: \_\_\_\_\_  
 Nitric Acid Preserved: Yes  No  Iced: Yes  No

Remarks: (Sample taken in Env. Health lab w/ distilled H2O)

TEST	EPA Code	Lab No.	Method No.	Results (pCi/L)	Date Analyzed	Analyst	Date Reported
<input checked="" type="checkbox"/> Gross Alpha	4000	<u>0196</u>	<u>EPA 9000</u>	<u>&lt;2.0</u>	<u>7/26/14</u>	<u>CWB</u>	<u>7/29/14</u>
<input checked="" type="checkbox"/> Gross Beta	4100	<u>0196</u>		<u>&lt;4.0</u>	<u>J</u>	<u>J</u>	
<input type="checkbox"/> Radium-226	4020						
<input type="checkbox"/> Radium-228	4030						
<input type="checkbox"/> Total Uranium	4006						
<input type="checkbox"/> Radon-222 (Bottle A)	4004						
<input type="checkbox"/> Radon-222 (Bottle B)	4004						
<input type="checkbox"/> Radon Field Blank A	4004						
<input type="checkbox"/> Radon Field Blank B	4004						
<input type="checkbox"/> Tritium							

Date Received: 07/22/14 Received By: C. Watty - Boyd  
 Data Release Signature: Melissa Muller - Jurr Date: 7/29/14

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"/>		

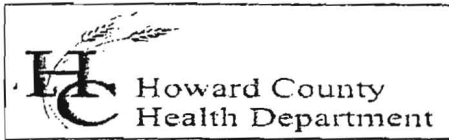
•Tel. No.: (410) 767-5537 •Fax No.: (410) 333-5373

FORM REVISED 01/13  
 DHMH 4540 01/13

CUSTOMER COPY I

ORIG MAILED 8/6/14

# Invoice



Bureau of Environmental Health  
 Attn: Bert Nixon, Director

DATE: AUGUST 6, 2014  
 DATES OF SERVICE: JULY 10 & 21, 2014  
 INVOICE #: 2014-015

8930 Stanford Boulevard, Columbia, MD 21045  
 Phone 410-313-2640 Fax 410-313-2648  
 www.hchealth.org

BILL TO Heritage Realty 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
07/21/14	Gross alpha/beta testing performed for Walnut Creek, Lots # 77, 78, and 87 HO - 95 - 2668 HO - 95 - 2669 HO - 14 - 0028		\$135.00
07/10/14	Gross alpha/beta testing performed for Walnut Creek Lots # 79, 89, and 95 HO - 95 - 2670 HO - 14 - 0030 HO - 14 - 0031		\$135.00
			AMOUNT DUE
			\$270.00

Please detach and return with payment.

REMITTANCE	
Invoice #	2014-015
Site Information	Walnut Creek Lots 77, 78, 79, 87, 89, & 95
Amount Due	\$270.00

Receipt 54603  
8/27/14

Make Checks Payable to: **Director of Finance** Mail Payments to: **Bureau of Env. Health**

## Williams, Jeffrey

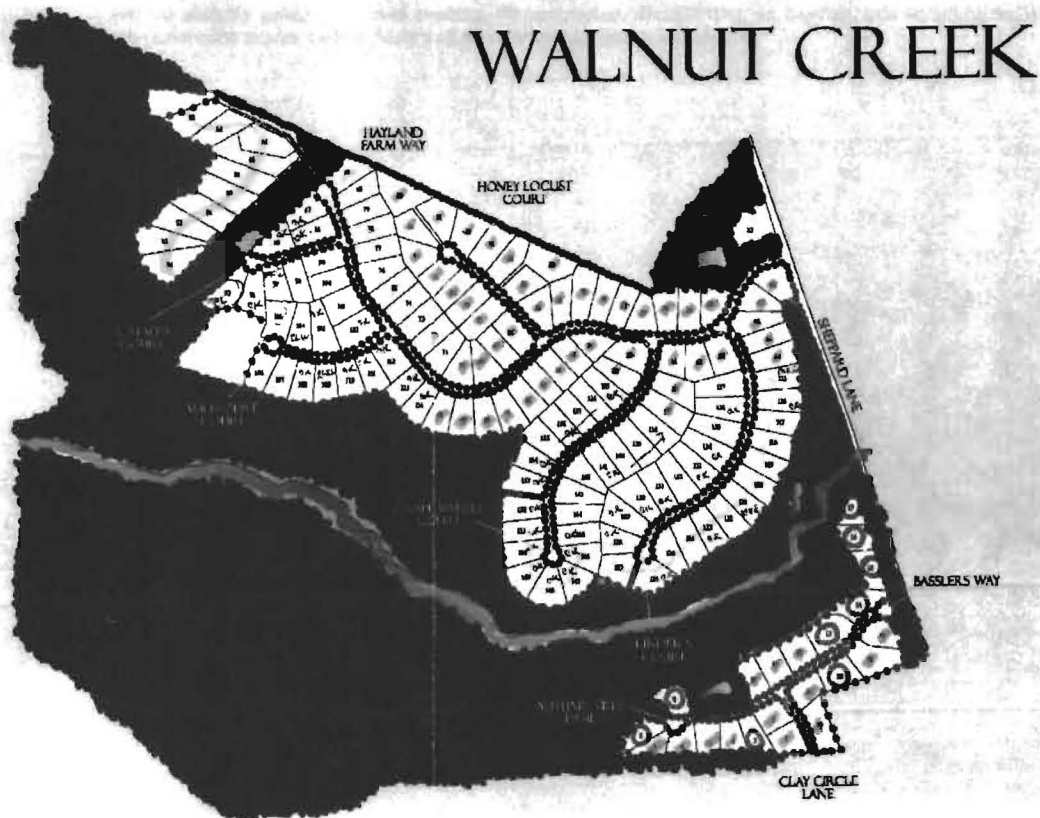
Lot 77

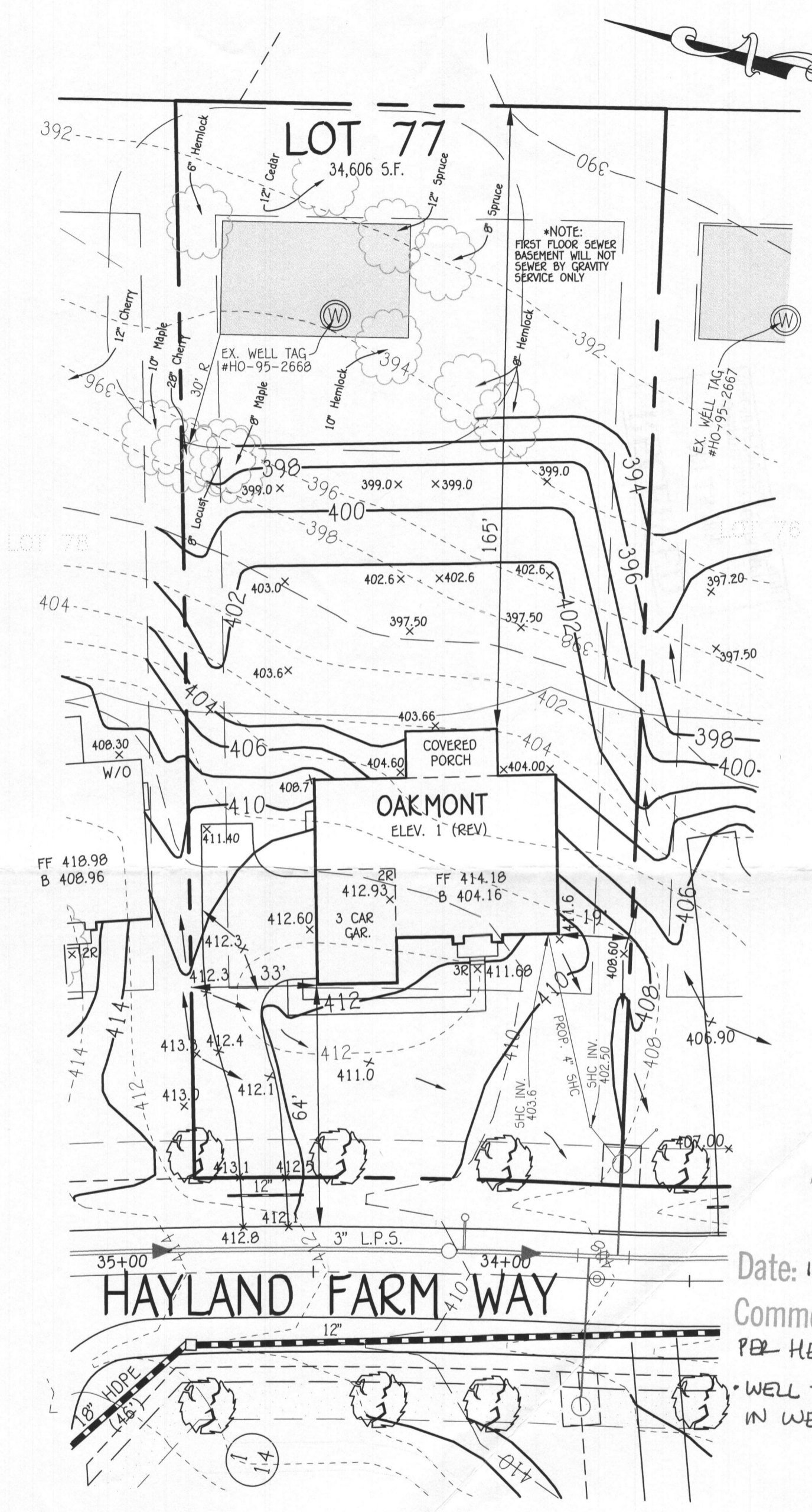
**From:** Williams, Jeffrey  
**Sent:** Friday, May 16, 2014 12:16 PM  
**To:** Tim Feaga  
**Subject:** Walnut Creek Radium testing  
**Attachments:** Walnut Creek radium.pdf; Walnut Creek radium\_2.pdf

Hi Tim. I met with Bert regarding possible easement of radium testing at all lots in Walnut Creek. I've attached a map showing the additional lots that we would like to still be tested to ensure that there is not an area of concern in the remaining lots. The lots in the green cloud have been tested and passed. The lots in the red cloud are lots that we would like to be tested. The lots at the top corner (82-86, 90-94) fall within the radium testing boundary. We want the lots near the river tested to prove whether the stream is in fact acting as a natural buffer from the positive tests on the other side and the passing lots above them. Furthermore, we'd like some representative lots tested in the other section near the upper testing boundary to prove that there are no hot spots. If these are also passing, then we would likely be comfortable waiving the remaining.

We'd be happy to meet with you to discuss if you prefer. Thanks.

Jeff Williams  
Program Supervisor, Well & Septic Program  
Bureau of Environmental Health  
Howard County Health Dept.  
410-313-4261  
[jewilliams@howardcountymd.gov](mailto:jewilliams@howardcountymd.gov)





Approved *AMC*  
10/17/16

REVISED  
Date: 10/17/16  
Comments: B16004120  
PER HEALTH DEPT  
WELL TAG # CORRECTED  
IN WELL CERT. NOTE

**WELL CERTIFICATION:**

THE EXISTING WELL, TAG NO. HO-95-2668, HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

**PLAN**

SCALE: 1"=30'

**OWNER**

BV BUSINESS TRUST  
P.O. BOX 482  
LISBON, MARYLAND 21765-0482

**PERMIT SITE PLAN  
LOT 77**

12202 HAYLAND FARM WAY

**WALNUT CREEK**

ZONED: RC-DEO

TAX MAP NO.: 28 PARCEL NO. 49 GRID NO.: 17 & 18  
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: SEPT. 9, 2016

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

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

I:\2016\04\01\dwg\PHASE THREE\FINAL SITE PERMIT SITE PLAN LOT 77.dwg, 10/13/2016, 8:03:47 PM, 1:30