

**C1** 08155  
 SEQUENCE NO. (MDE USE ONLY)  
 1 2 3 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**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 4 520 748

ST/CO USE ONLY DATE Received MM DD YY 09 28 12  
 DATE WELL COMPLETED MM DD YY 09 12 12  
 Depth of Well 22 125 26 10/11/2012 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 95 - 2352  
 (TO NEAREST FOOT) O.K. (BB) 28 29 30 31 32 33 34 35 36 37

OWNER Land Marketing Consultants  
 WELL SITE ADDRESS last name ASHLEIGH DR. first name  
 TOWN CLARKSVILLE MD.  
 SUBDIVISION Walnut Creek SECTION LOT 52

**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	
CLAY	2	5	
Brown Sand Stone	5	30	✓
White MICKA	30	55	
Brown Sand Stone	55	60	✓
White MICKA	60	125	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  Y  N  
 TYPE OF GROUTING MATERIAL (Circle one)  
 CEMENT  CM BENTONITE CLAY  BC  
 NO. OF BAGS 16 NO. OF POUNDS 1200  
 GALLONS OF WATER 96  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 TOP 43 ft. to 43 BOTTOM 58 ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER  
 MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)  
PL 6 45  
 60 61 63 64 66 70

**OTHER CASING (if used)**  
 diameter depth (feet)  
 inch from to  
PL 4 125 7

**SCREEN RECORD**  
 screen type or open hole (insert appropriate code below)  
 ST STEEL  BR BRASS  HO OPEN HOLE  
 PL PLASTIC  OT OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED  Y  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 SD 117  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 LIC. NO. JD

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

**C2** DEPTH (nearest ft.)  
 1 HO 43 125  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9  
 11  
 15  
 17  
 21  
 23  
 24  
 26  
 30  
 32  
 36  
 38  
 39  
 41  
 45  
 47  
 51  
 SLOT SIZE 1 48 2 3  
 DIAMETER OF SCREEN 4 (NEAREST INCH)  
 56 60  
 from to

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

**C3**  
**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 27 ft.  
 WHEN PUMPING 29 ft.  
 TYPE OF PUMP USED (for test)  
 A air  P piston  T turbine  
 C centrifugal  R rotary  O other (describe below)  
 J jet  S 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 39.1413.51  
 LONGITUDE 76.5679.36  
 (DEFAULT COORD. WGS 84)

NOTES:

B 1  
1 2 3 6  
14934

SEQUENCE NO.  
(MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
538031-D please type

STATE PERMIT NUMBER

HD -95 -2352  
70 fill in this form completely 79

Date Received (APA)  
08/16/12

OWNER INFORMATION

8 MM DD YY 13  
15 Last Name Owner First Name 34  
36 Street or RFD 55  
57 Town 70 State 72 Zip 76  
Land Marketing Consultants  
PO Box 482  
Lis Bow MD. 21265

B 3

LOCATION OF WELL

8 COUNTY 21  
23 SUBDIVISION 42  
SECTION 44 46 LOT 52 48 50  
52 NEAREST TOWN 71  
Howard  
Walnut Creek  
Clarksville

DRILLER INFORMATION

76 Driller's Name License No. 81  
76 Firm Name  
76 Address  
76 Signature Date  
Ralph Wayne MSD 112  
Ralph Wayne Well Drilling  
17024 Handy Rd Mt Airy MD. 21771  
M S Wayne 4/14/12

B 4

SOURCES OF DRILLING WATER

1 well  
2.  
3.

11 STREET ADDRESS 30  
ON WHICH SIDE OF ROAD  
(CIRCLE APPROPRIATE BOX)  
34 250 37  
DISTANCE FROM ROAD  
ENTER FT OR MI 38 49  
TAX MAP: 28 BLK: 11 PARCEL 49  
ASHLEIGH DR.  
NORTH  
WEST EAST  
SOUTH

B 2  
1 2

WELL INFORMATION

APPROX. PUMPING RATE  
(GAL. PER MIN.) 8 5 12  
AVERAGE DAILY QUANTITY NEEDED  
(GAL. PER DAY) 14 500 20

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

NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVAL

Howard A520385 13  
COUNTY NAME STATE COUNTY NO.  
STATE SIGNATURE INSERT S → 41  
DATE ISSUED 08/15/12 KAT 8/15/13  
43 MM DD YY 48 CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 24 150 28 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN  
30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)  
37 CABLE REVerse-ROTary DRive-POINT  
other

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

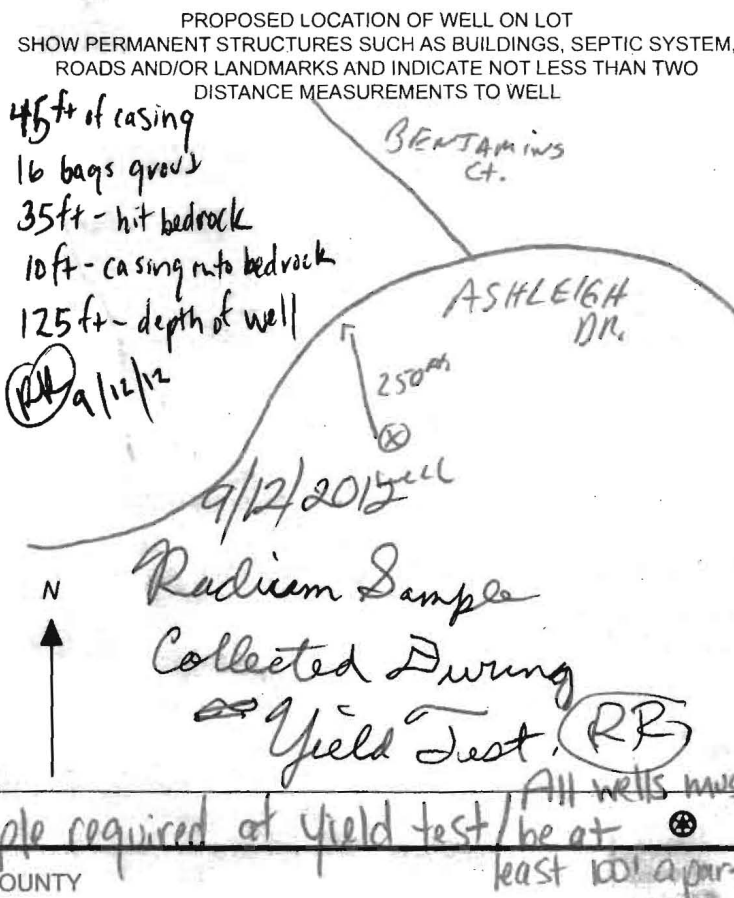
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER HD 2006020  
PERMIT No. HD -95 -2352  
70 71 72 73 74 75 76 77 78 79

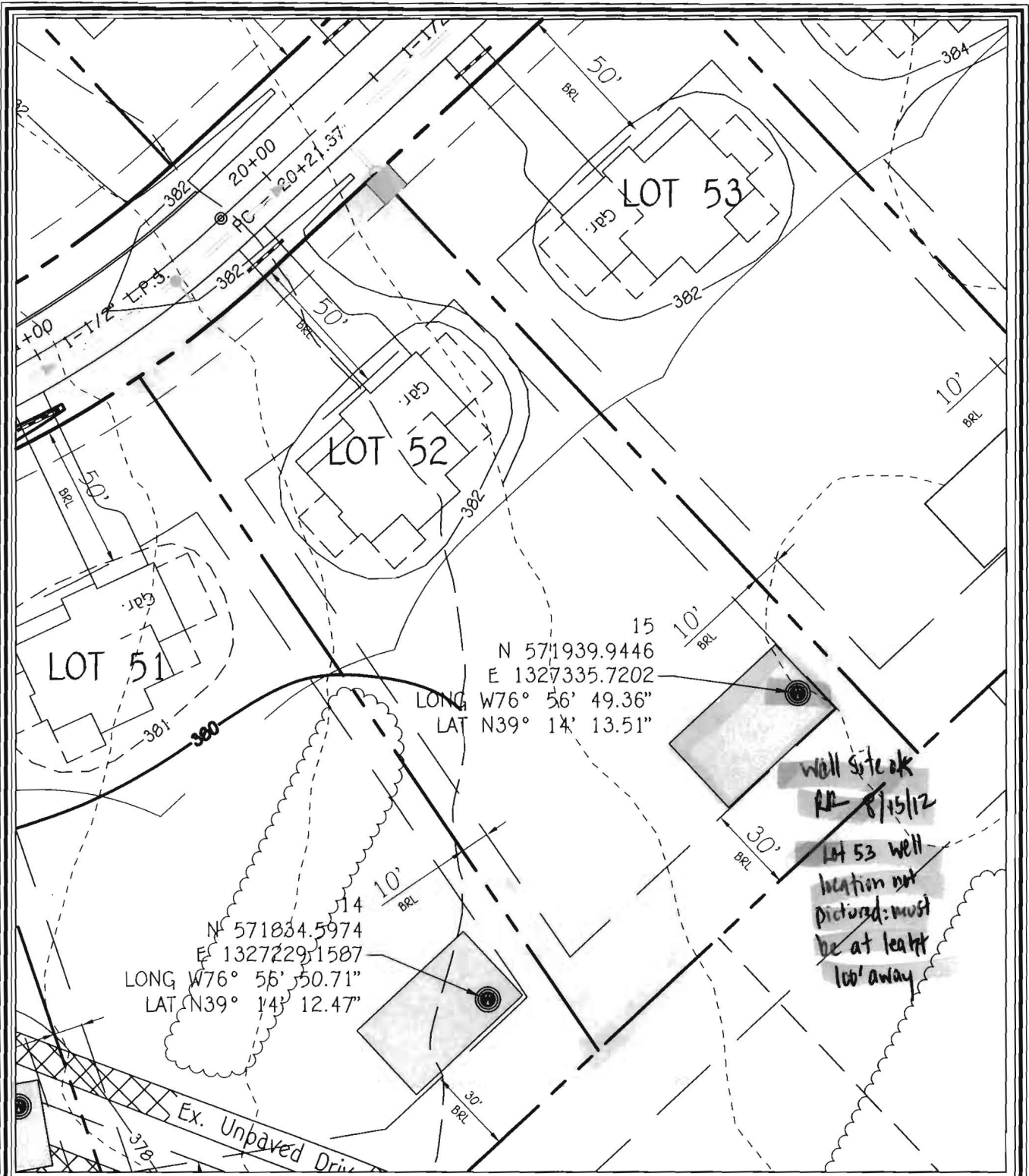
SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED-

Radium Sample required at yield test/beat  
All wells must  
least 100 apart







15  
 N 571939.9446  
 E 1327335.7202  
 LONG W76° 56' 49.36"  
 LAT N39° 14' 13.51"

14  
 N 571834.5974  
 E 1327229.1587  
 LONG W76° 56' 50.71"  
 LAT N39° 14' 12.47"

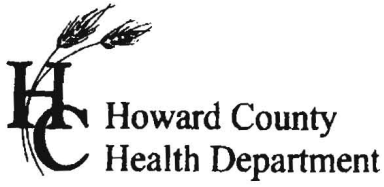
Well site ok  
 RR 8/15/12  
 Lot 53 well  
 location not  
 pictured: must  
 be at least  
 100' away

WELL LOCATION INFORMATION:  
 NORTHING =                      EASTING =  
 LATITUDE =                      LONGITUDE =

**LOT 52 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



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:

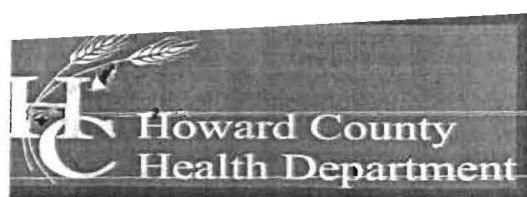
<u>Walnut Creek</u>	<u>52</u>	<u>Ashleigh Drive</u>
<b>Subdivision/Property Name</b>	<b>Lot #</b>	<b>Road Name</b>

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

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

January 3, 2013

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

RE: Walnut Creek Lot 52  
Ashleigh Drive  
Well Tag: HO - 95 - 2352

Dear Mr. Feaga:

A sample was collected during a yield test on September 12, 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  $8.6 \pm 2.3$  picocuries/liter (pCi/L), while the **Gross Beta** level was  $9.0 \pm 2.0$  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,

A handwritten signature in black ink 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 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

E000564 8 13

**LABORATORY ANALYSIS REQUEST**

Sample Bottle No. A: 95-2352 No. B: \_\_\_\_\_ Field Blank Bottle No. 1: 2352A No B: \_\_\_\_\_

Plant/Site Name: Walnut Creek County: Howard

Sample Source: Ashleigh Drive - Lot 52 Location: HO-95-2352  
(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: R. Rappaport

Telephone No.: 410-313-1781

Date Collected: 9/12/12 *comb*

Time Collected: \_\_\_\_\_ a.m. 115 p.m.

Nitric Acid Preserved: Yes  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	0564	8.6 ± 2.3	09/19/12	09/20/12
✓	Gross Beta	4100	0564	9.0 ± 2.0	"	"
	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: 09/13/12

Supervisor: [Signature]

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

Send Report To:

Bert Nixon

Howard County Health Department  
Bureau of Environmental Health  
7176 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

Field Blank

LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: 952352 No. B: \_\_\_\_\_ Field Blank Bottle No. 1: 2352A No B: \_\_\_\_\_

Plant/Site Name: Walnut Creek - Lot 52 County: Howard

Sample Source: Ashleigh Dr. Location: #10-95-2352  
(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: R. Rappaport

Telephone No.: (410) 313-1781

Date Collected: 9/12/2012

Time Collected: \_\_\_\_\_ a.m. 1:15 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	0562	< 2.0	09/19/12	09/20/12
✓	Gross Beta	4100	0562	< 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: 09/13/12

Supervisor: [Signature]

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

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: T. Campbell Pump Service, Inc Telephone #: 301-432-0330
Address: 6711 Old National Pk
Branzburg, 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 Homes Telephone #: 703-932-0523
Subdivision: Widow Creek Lot #: 52 Well Tag #: HO-95-2352
Site Address: 12157 Highland Farms Way
Ellicott City, Md 21042

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Sharko Make: American Gruby Two piece watertight cap: yes
Model #: 87PWH5052U Model#: PT900 Screened, vented well cap: yes
Pump Capacity 7 GPM Depth: 36 (36" min) Cap secured to casing: yes
Well Yield: 10 GPM NSF/WSC approved: yes Conduit min 18" B.G.: yes
Depth of well encountered at time of pump installation: 125 (feet) Conduit secured to well cap: yes
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: 11-11-2014

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

Date Insp. Requested: Date Insp. Approved: 11/12/14 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



# Fredericktowne Labs Inc.

ENVIRONMENTAL TESTING

3020 Ventre Court • P.O. BOX 245 • Myersville, MD 21773 • 800-352-3340 • FAX 301-293-2388  
 www.fredericktownelabs.com • info@fredericktownelabs.com

## Certificate of Analysis

Acct. No. 3948 - 1235-1

### Field Record

Site visit performed on: Friday, February 13, 2015 10:30 AM  
 by: Don Thomas State ID No. 8765DT  
 Affiliation: Tri-County Pump Service Inc.  
 Property Owner: Craftmark Homes  
 Property Address: 12157 Hayland Farm Way  
 Lot 52  
 Ellicott City, MD 21042  
 Sample Source: First Floor Powder Room  
 Treatment Devices Noted: No Treatment Devices  
 Well No.: HO-95-2352  
 Field pH: 7.3  
 Total Res. Cl.: 0.0 mg/l

### Laboratory Report

Sample Received at laboratory: 2/13/2015 1:46 PM

#### Bacteriological results:

Total Colif. (/100ml)	E.coli. (/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
<1	<1	02/13/15	18:00	02/14/15	16:00	9223B	AS

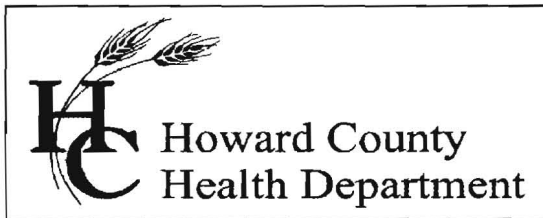
Bacteriological analysis of this sample indicates the water is safe for human consumption and meets federal, state and local requirements. Analysis was performed according to the 20th edition of Standard Methods

#### Inorganic Chemical results:

Parameter	Result	Units	MCL	Date of Analysis	Method	Analyst
Nitrate-Nitrogen	3.4	mg/l	10	2/13/2015	300.0	PH
Sand	<2	mg/l	5	2/17/2015	0.065mm Filter	JD
Turbidity	0.9	NTU'	10	2/13/2015	180.1	KMW

Reported by: Collin Millott 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



**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](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

Twitter: HowardCoHealthDep

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

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**INTERIM CERTIFICATE OF POTABILITY**

**Expiration Date – SEPTEMBER 6, 2015**

March 6, 2015

Homeowner  
12157 Hayland Farm Way  
Ellicott City, MD 21042

**RE: Walnut Creek, Lot 52  
12157 Hayland Farm Way  
Building Permit: B14002415  
Well Permit: HO-95-2352**

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 **11/12/2014**. The well construction was completed on **9/12/2012**. 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.

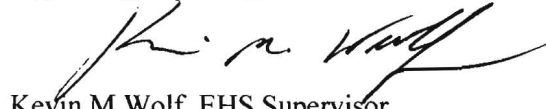
Gross Alpha and Beta samples were also collected on **9/12/2012**. Results showed a Gross Alpha level of **8.6 ± 2.3 pCi/L** and **Gross Beta** level of **9.0 ± 2.0 pCi/L**. The Gross Alpha was below the maximum contaminant level (MCL) of 15 pCi/L and the Gross Beta was below the target level of 50pCi/L (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-95-2352. 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 fluid and cursive, with a long horizontal stroke at the end.

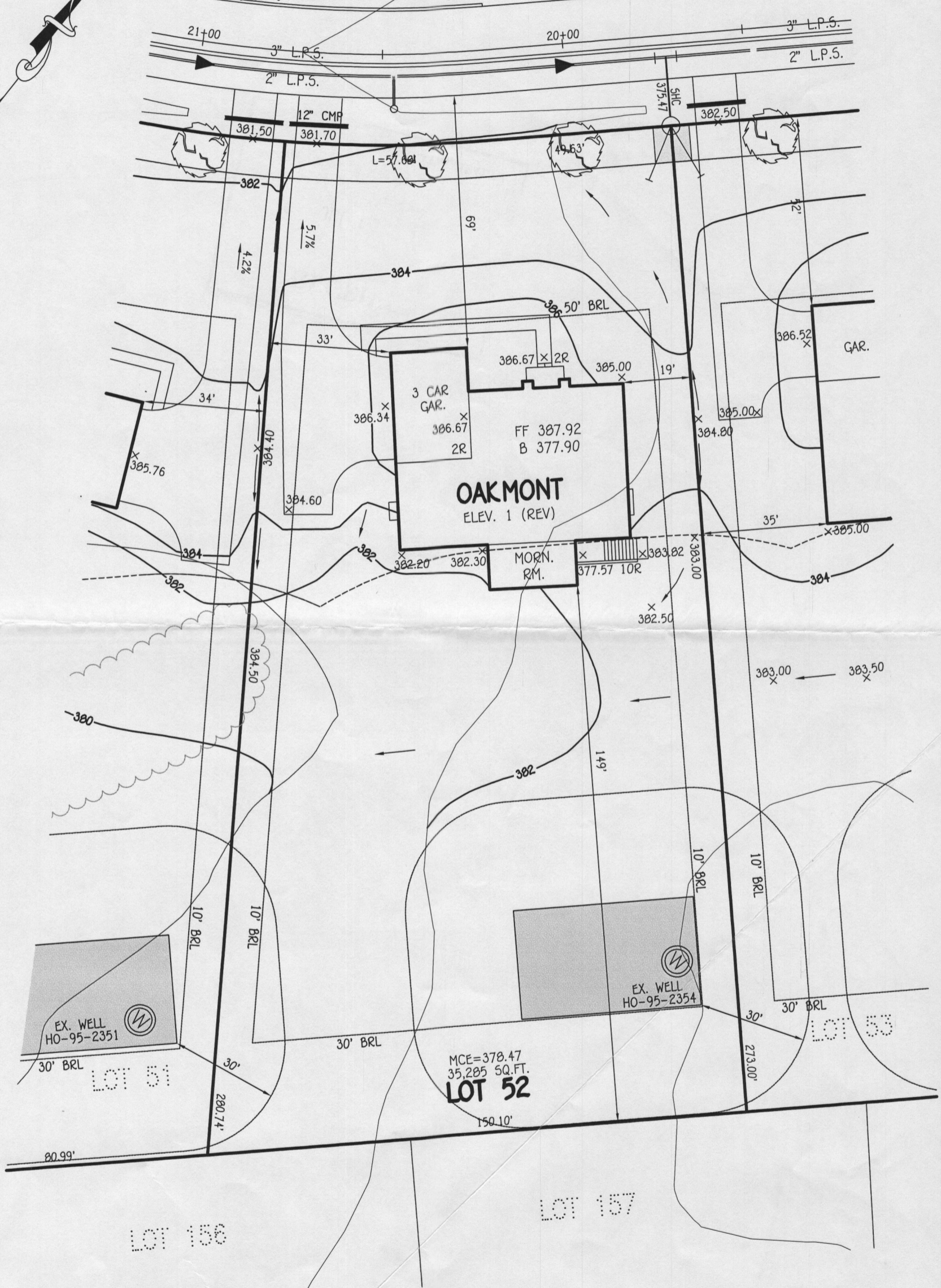
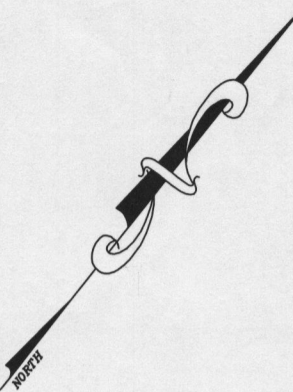
Kevin M Wolf, EHS Supervisor  
Environmental Health Specialist  
Well & Septic Program

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

BUILDABLE  
BULK PARCEL 'N'

LOT 47

HAYLAND FARM WAY



LOT 156

LOT 157

LOT 53

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

**WELL CERTIFICATION:**  
THE EXISTING WELL, TAG NO. HO-95-2349, HAS BEEN  
FIELD LOCATED AND IS ACCURATELY SHOWN.

**PERMIT SITE PLAN**  
**LOT 52**  
12157 HAYLAND FARM WAY  
**WALNUT CREEK**  
ZONED: RC-DEO  
TAX MAP NO.: 28 PARCEL NO. 49 GRID NO.: 17 & 18  
SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: JULY 3, 2014