

C1 16617

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

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 1 15 13

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-2442

OWNER: Goodier Baker Homes; WELL SITE ADDRESS: Hall Shop rd; TOWN: Highland; SUBDIVISION: Schooley mill Farm; SECTION: ; LOT: 7

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries like Light Brown Loamy, Dark Brown, Gray Limestone, Pink Brown, Gray Limestone, Quartz, Gray Limestone.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y); TYPE OF GROUTING MATERIAL: CEMENT (CM); NO. OF BAGS: 24; NO. OF POUNDS: 2256

CASING RECORD: MAIN CASING TYPE: PL (PLASTIC); Nominal diameter: 06; Total depth: 67

OTHER CASING (if used): diameter, depth (feet) from to

SCREEN RECORD: screen type or open hole: HO (OPEN HOLE); insert appropriate code below

DEPTH (nearest ft.) table with columns 1-21 and 23-36. 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

PUMPING TEST: HOURS PUMPED: 06; PUMPING RATE: 1.7; METHOD USED TO MEASURE PUMPING RATE: 190L; WATER LEVEL: BEFORE PUMPING 32 ft, WHEN PUMPING 164 ft

PUMP INSTALLED: DRILLER INSTALLED PUMP YES NO; TYPE OF PUMP INSTALLED: C (centrifugal); CAPACITY: 29 GALLONS PER MINUTE

LATITUDE 3 9.1689529; LONGITUDE 7 6.9567795; (DEFAULT COORD. WGS 84)

NOTES:

NUMBER OF UNSUCCESSFUL WELLS: 0; WELL HYDROFRACTURED: Y; CIRCLE APPROPRIATE LETTER: A (WELL WAS ABANDONED AND SEALED); DRILLERS LIC. NO. 1 M 5 D 009 1; DRILLERS SIGNATURE: Allen Compton; LIC. NO. 1 D ; SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

B 1 09349

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO -95 -2442

538119-F please type

Date Received (APA)

11 2 12

OWNER INFORMATION

Goodier Baker Homes, 10751 Falls Rd Suite 405, Lutherville MD 21093

B 3

LOCATION OF WELL

Howard County, Schooley Mill Farm, Highland

DRILLER INFORMATION

Allen Compton, MS D0009, Eagles Well Drilling, LLC, P.O. Box 202 Woodbine MD

B 4

SOURCES OF DRILLING WATER

1. 2. 3.

Hall Shop RD, ON WHICH SIDE OF ROAD, DISTANCE FROM ROAD, TAX MAP: 40

B 2

WELL INFORMATION

APPROX. PUMPING RATE 5, AVERAGE DAILY QUANTITY NEEDED 500

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 A525118 13, STATE SIGNATURE, DATE ISSUED 11/20/2012, EXP. DATE 11/20/13

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- Bored (or Augered), Jetted, Jetted & Driven, Air-Rotary, Air-Per percussion, Rotary (Hydraulic Rotary), Cable, Reverse-Rotary, Drive-Point

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

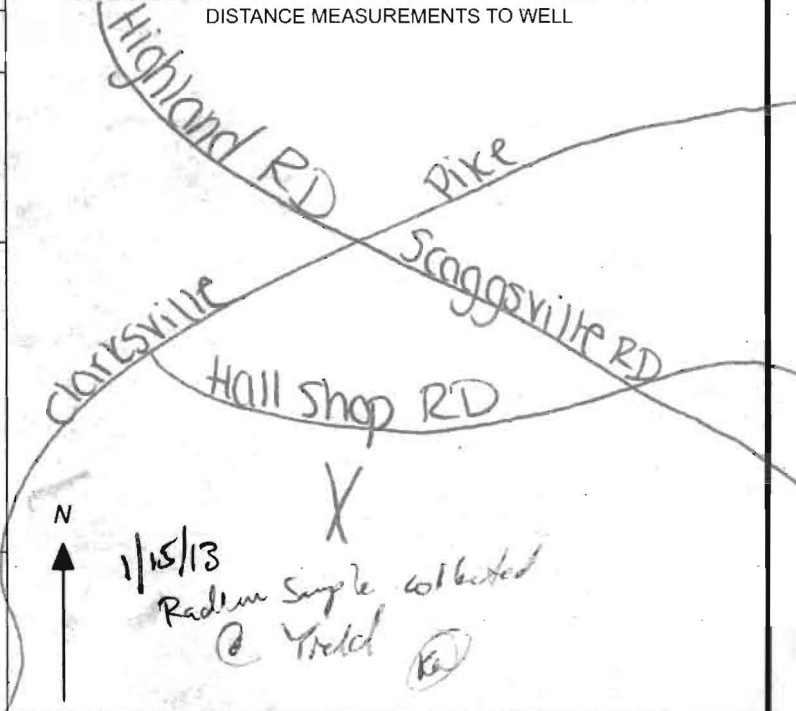
- This well will not replace an existing well, This well will replace a well that will be abandoned and sealed, This well will replace a well that will be used as a standby-contact local approving authority for policy on standby wells, This well will deepen an existing well

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROP. PERMIT NUMBER G, PERMIT No. HO -95 -2442

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



SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Abandon existing well / Radium Sample required @ yield test



**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: Robert L. Feezer Co., Inc. Telephone #: 410-781-4655  
Address: 6321 Barnett Avenue  
Sykesville, MD 21784

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

License # and name of individual responsible for the field installation:

Name (Print): Robert L. Feezer License# 2122

**\*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: NV Homes Telephone #: 410-379-6956  
Subdivision: Schooley Mill Farm Lot #: 7 Well Tag #: HO - 95 - 2442  
Site Address: 13022 Highgrove Road  
Highland, MD 20777

**Submersible Pump Data**

Make: Berkeley  
Model #: B7P4MS07221  
Pump Capacity 7 GPM  
Well Yield: 1.7 GPM

**Pitless Adapter**

Make: Boshart  
Model#: P-100-SS  
Depth: 42" (36" min)  
NSF/WSC 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: 300 (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 N/A**

**Piping to house**

Type: Poly  
PSI: 200 (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): 10'  
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.**

Robert L. Feezer June 17, 2014  
Signature of company representative responsible for installation date

**For Health Department Use Only – Not to be completed by Installer**

Date Insp. Requested: \_\_\_\_\_ Date Insp. Approved: \_\_\_\_\_ Inspector: \_\_\_\_\_  
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 \_\_\_\_\_

**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 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: \_\_\_\_\_ Telephone #: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

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

License # and name of individual responsible for the field installation:

Name (Print): \_\_\_\_\_ License# \_\_\_\_\_

**\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.**

Name of Property Owner: \_\_\_\_\_ Telephone #: \_\_\_\_\_  
Subdivision: \_\_\_\_\_ Lot #: 7 Well Tag #: HO - 95-2442  
Site Address: 13022 Highgrove Rd

**Submersible Pump Data**

Make: \_\_\_\_\_  
Model #: \_\_\_\_\_  
Pump Capacity \_\_\_\_\_ GPM  
Well Yield: \_\_\_\_\_ GPM

**Pitless Adapter**

Make: \_\_\_\_\_  
Model#: \_\_\_\_\_  
Depth: \_\_\_\_\_ (36" min)  
NSF approved: \_\_\_\_\_

**Well Cap and Electric Conduit**

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

Depth of well encountered at time of pump installation: \_\_\_\_\_ (feet)  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors or Cable guards are required – Must circle one  
**Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_**

**Piping to house**

Type: \_\_\_\_\_  
PSI: \_\_\_\_\_ (160 psi min)

**House Connection**

PVC sleeved to undisturbed soil at wall penetration: \_\_\_\_\_  
Approximate length of sleeve (5 foot minimum): \_\_\_\_\_

Depth of supply line: \_\_\_\_\_ (36" min)      Sleeve caulked and sealed properly: \_\_\_\_\_

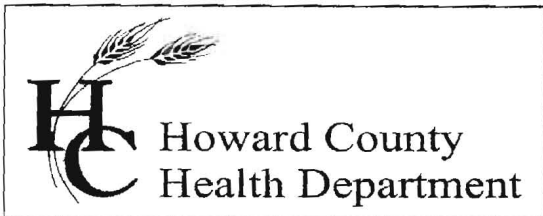
**The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.**

Signature of company representative responsible for installation \_\_\_\_\_ date \_\_\_\_\_

**For Health Department Use Only – Not to be completed by Installer**

Date Insp. Requested: 7/18/14      Date Insp. Approved: 7/21/14 (KW) 7/2

Inspection Data: Pitless adapter and 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 installed inside of well 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 Blvd., Columbia, MD 21045  
Main: 410-313-1771 | 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 – MARCH 15, 2015**

September 15, 2014

Homeowner  
13022 High Grove Road  
Highland, MD 20777

**RE: Schooley Mill Farm, Lot 7  
13022 High Grove Road  
Building Permit: B14000054  
Well Permit: HO-95-2442**

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 **9/15/2014**. Final approval of the well line connection to the dwelling was granted on **7/21/2014**. The well construction was completed on **1/15/2013**. Water samples were collected on **8/21/2014**.

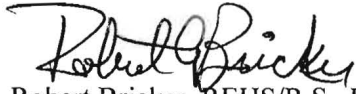
The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-95-2442. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will be issued. **Failure to submit an additional sample and obtain a Final Certificate of Potability will result in a Notice of Violation and is punishable as a misdemeanor under the Annotated Code of Maryland, Environment Article, 9-1311, subject to a fine of up to \$500 or imprisonment not to exceed three months.**

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:

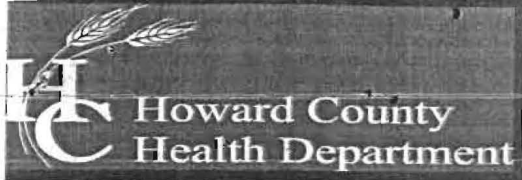
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

Approving Authority,

A handwritten signature in cursive script that reads "Robert Bricker".

Robert Bricker, REHS/R.S., L.E.H.S.  
Environmental Sanitarian  
Well & Septic Program

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



Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

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

March 8, 2013

Goodier Baker Homes
10751 Falls Road
Suite 405
Lutherville, Maryland 21093

RE: Schooley Mill Farm Lot 7
Hall Shop Road
Well Tag: HO - 95 - 2442

To Whom It May Concern:

A sample was collected during a yield test on January 15, 2013 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 5.0 ± 1.6 picocuries/liter (pCi/L), while the Gross Beta level was 7.6 ± 2.0 pCi/L. The Gross Alpha result was below its maximum contaminant level (MCL) of 15 pCi/L, while the Gross Beta level was below its targeted value of 50 pCi/L (roughly equivalent to the annual dose rate of 4 millirems/year).

At the time of testing and with respect to these parameters, the future well water supply meets EPA regulatory standards. Additional testing for these parameters will not be required to secure the future Use & Occupancy. Please note that other standard testing parameters (bacteria, nitrate, turbidity and sand) will still be required to help secure Use & Occupancy.

A copy of the test results is enclosed for your information. Please call this office at 410-313-1773 if you have any further questions.

Sincerely,

Bert Nixon (handwritten signature)

Bert Nixon, Director

Bureau of Environmental Health

Enclosure

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

Send Report To:

State of Maryland  
DHMH - Laboratories Administration

Division of Environmental Chemistry  
**RADIATION LABORATORY**

201 W. Preston Street, Baltimore, Maryland 21201  
John M. DeBoy, Dr. P. H., Director

E001483 #162

Best Nixon  
Howard County Health Department  
Bureau of Environmental Health  
7178 Columbia Gateway Drive  
Columbia, Maryland 21046

### LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: HOKW2442 No. B: — Field Blank Bottle No. 1: FCKW1313 No B: —

Plant/Site Name: Schooley mill Farm - Lot (7) County: Howard

Sample Source: Hall Shop Rd Location: HO-95-2442  
(well no, lab sink, sample tap, etc.)

County:  1  3 Plant No.

CHECK (one per box)

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

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

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

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

Collector: K. Wolf

Telephone No.: 410-313-2645

Date Collected: 1/15/13 Cont B

Time Collected: 11:30 a.m. \_\_\_\_\_ p.m.

Nitric Acid Preserved: Yes  No

Iced: Yes  No

Submitters Code:  Federal Project:

Field Data: \_\_\_\_\_ pH \_\_\_\_\_ Chlorine

Remarks: Sample collected during field

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
✓	Gross Alpha	4000	1483	5.0 ± 1.6	01/18/13	01/22/13
✓	Gross Beta	4100	1483	7.6 ± 2.0	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: 01/16/13

Supervisor: [Signature]

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

Send Report To:

Best 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

E001482 5162

### LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: — No. B: — Field Blank Bottle No. 1: FBKW1313 No B: —

Plant/Site Name: HCHD County: Howard

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

County:  1  3 Plant No.

CHECK (one per box)

Drinking Water   
Landfill   
Stream   
Other

Community   
Non-community   
Private   
Other

Source (raw water)   
Distribution (treated)   
MCL

Emergency   
Routine   
Recheck   
Special

Collector: K. Wolf

Telephone No.: 410-313-2645

Date Collected: 1/15/13 Cont

Time Collected: — a.m. 4:00 p.m.

Nitric Acid Preserved: Yes  No

Iced: Yes  No

Submitters Code:

Federal Project:

Field Data: — pH — Chlorine

Remarks: Cross  $\alpha$ ,  $\beta$  Field Blank

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
	Gross Alpha	4000	1482	<2.0	01/18/13	01/22/13
	Gross Beta	4100	1482	<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				

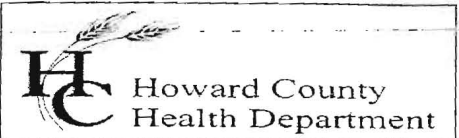
Date Received: 01/16/13

Supervisor: [Signature]

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

GRIB MAILER 2/20/13

# Invoice



Bureau of Environmental Health  
 Attn: Bert Nixon, Director

DATE: FEBRUARY 20, 2013  
 DATES OF SERVICE: JANUARY 15, 2013  
 INVOICE #: 2013-004

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

**BILL TO** Goodier Baker Homes  
 10751 Falls Road  
 Suite 405  
 Lutherville, Maryland 21093

**COMMENTS** Payment due upon receipt. Letter and results will be released upon receipt of payment.

DATE	DESCRIPTION	BALANCE	AMOUNT
01/15/13	Gross alpha/beta testing performed for Schooley Mill Farm, Lot # 7 HO - 95 - 2442		\$45.00
			<b>AMOUNT DUE</b>
			\$45.00

Please detach and return with payment.

REMITTANCE	
Invoice #	2013-004
Site Information	Schooley Mill Farm Lot 7
Amount Due	\$45.00
Amount Enclosed	

Please make checks payable to "Director of Finance"

Please make checks payable to "Director of Finance"

*payment 3/3/13*  
*Receipt # 44555*



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

**LOT 7**  
 51,231 SQ. FT.

**SCHOOLLEY MILL FARM**  
 PERMIT PLAN  
 LOT 7  
 13022 HIGHGROVE ROAD  
 ZONED: R-ED  
 TAX MAP NO.: 40 PARCEL NO.: 115 & 149 GRID NO.: 10 & 14  
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 30'  
 DATE: NOVEMBER, 2013



**TRACE LABORATORIES, INC**  
 5 North Park Drive  
 Hunt Valley, MD 21030 USA  
 Telephone: 410/584-9099 / Fax: 410/584-9117  
 Website: www.tracelabs.com / Email: info@tracelabs.com

Maryland State Certified Laboratory #318

**CERTIFICATE OF ANALYSIS**

**Requester:**

Robert L. Feezer Company  
 Attn: Rick Cross  
 6321 Barnett Avenue  
 Sykesville, Maryland 21784

**S/O Number:** 94142

**Report Date:** August 22, 2014

**Property Sampled:** 13022 Highgrove Road, 20777  
**Sample Location:** Pressure Tank Tap ✓  
**Residual Chlorine:** <0.1 mg/L ✓

**Building Permit #:** B14000054  
**Sampler ID #:** 7483AM  
**Samples Iced:** Yes

**County:** Howard

**Subdivision:** Schooley Mill Farm

**Lot #:** 7

**Date/Time Collected in Field:** August 21, 2014 1:52 pm

**Date/Time Received in Lab:** August 21, 2014 4:17 pm

**Well Tag #:** HO-95-2442 ✓  
**Well Condition:** 2-Piece Cap, Satisfactory

**Water Treatment/Conditioning:** N/A – Raw Sample ✓

OK!  
 reB  
 9/15/14

PARAMETER	METHOD	MCL/*SMCL	RESULT	COMMENT
Total Coliform	SM 9223B	Absent	Absent ✓	Pass
<i>E. coli</i>	SM 9223B	Absent	Absent ✓	Pass
Nitrate	SM 4500-NO3D	10 mg/L as N	5.2 mg/L as N ✓	Pass
Turbidity	EPA 180.1	10 NTU	2.0 NTU ✓	Pass
pH (Field)	SM 4500-H <sup>+</sup> B	*6.5-8.5 Units	6.8 Units ✓	***
Sand		Absent	Absent ✓	Pass

The results in this report relate only to those items tested. If any additional information or clarification of this report is required, please contact us. This test report shall not be reproduced except in full without the written approval of Trace Laboratories Inc.

*Katherine C. Higgs*  
 Katherine C. Higgs  
 Manager – Drinking Water Testing

MCL: Maximum Contamination Level, an enforceable level established by the EPA

\*SMCL: Secondary Maximum Contamination Level, a level recommended by the EPA

\*\*\*A non-enforceable parameter that may cause cosmetic effects or aesthetic effects (such as taste, color or odor) in drinking water.

\*\*\*\*\*  
 WATER WELL ABANDONMENT-SEALING REPORT FORM  
 \*\*\*\*\*

SUBMIT COPIES OF COMPLETED FORM TO:

- \* COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address needed)
- \* WELL OWNER
- \* MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 12-12-12 (month/day/year)

\* PERMIT NUMBER OF ABANDONED WELL (if any) \_\_\_\_\_

\* PERMIT NUMBER OF REPLACEMENT WELL: \_\_\_\_\_

\* PERSON ABANDONING WELL: Allen Compton WELL DRILLER'S LICENSE NUMBER: 009  
 CIRCLE: MWD / ~~MSD~~ / ~~MGD~~

\* OWNER'S NAME: Schooley Mill Boree, LLC

\* WELL LOCATION:

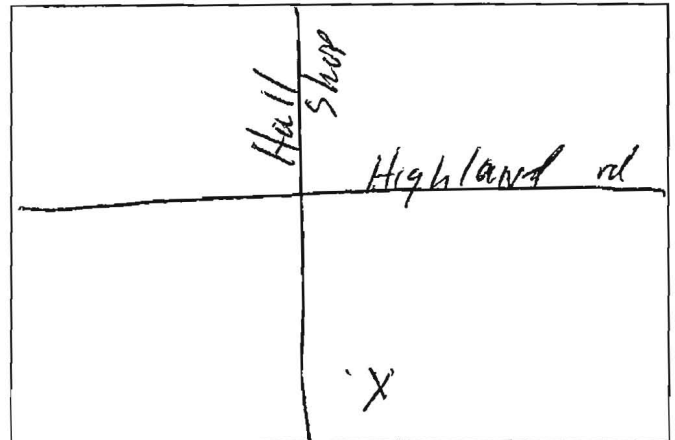
COUNTY: Howard  
 NEAREST TOWN: Highland  
 TAX MAP 0040 BLOCK 0010 PARCEL 0115  
 SUBDIVISION: Schooley Mill Farm  
 SECTION: \_\_\_\_\_ LOT: 7  
 STREET ADDRESS: 12888A Hall Shop rd

LATITUDE 3 9.1687469

LONGITUDE 7 6.9569168

Allen Compton

SITE LOCATION MAP



\* TYPE OF WELL BEING ABANDONED:

DRILLED  JETTED  
 BORED  HAND DUG  
 OTHER (specify) \_\_\_\_\_

\* USE CODE: DOMESTIC

IRRIGATION  MUNICIPAL/PUBLIC  
 TEST/OBSERVATION  INDUSTRIAL  
 \_\_\_\_\_  GEOTHERMAL

\* TYPE OF CASING:

STEEL  PLASTIC  
 CONCRETE  OTHER (specify) \_\_\_\_\_

SIZE OF CASING: 4" INCHES IN DIAMETER

DEPTH OF WELL: 61' FEET DEEP

WAS ANY CASING REMOVED?  YES  NO

If yes, length removed, in feet: \_\_\_\_\_

WAS CASING RIPPED OR PERFORATED?  YES  NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
<u>Cement</u>	<u>-4</u>	<u>61</u>
VOLUME OF MATERIAL USED		
<u>1 yard</u>		



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

**LABORATORY ANALYSIS REQUEST**

Sample Bottle No. A: HOKW2442 No. B: — Field Blank Bottle No. 1: FBKW1313 No B: —

Plant/Site Name: Schooley mill Farm - Lot (7) County: Howard

Sample Source: Hall Shop Rd Location: HO-95-2442  
(well no, lab sink, sample tap, etc.)

County:  1  3 Plant No.

CHECK (one per box)

Drinking Water   
Landfill   
Stream   
Other

Community   
Non-community   
Private   
Other

Source (raw water)   
Distribution (treated)   
MCL

Emergency   
Routine   
Recheck   
Special

Collector: K. Wolf

Telephone No.: 410-313-2645

Date Collected: 1/15/13

Time Collected: 11:30 a.m. — p.m.

Nitric Acid Preserved: Yes  No

Iced: Yes  No

Submitters Code:  Federal Project:

Field Data: — pH — Chlorine

Remarks: Sample collected during field

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
✓	Gross Alpha	4000				
✓	Gross Beta	4100				
	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: — / — / —

Supervisor: \_\_\_\_\_

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

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

**LABORATORY ANALYSIS REQUEST**

Sample Bottle No. A: — No. B: — Field Blank Bottle No. 1: FBKW1813 No B: —

Plant/Site Name: HCHD County: Howard

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

County:  1  3 Plant No.

CHECK (one per box)

Drinking Water   
Landfill   
Stream   
Other

Community   
Non-community   
Private   
Other

Source (raw water)   
Distribution (treated)   
MCL

Emergency   
Routine   
Recheck   
Special

Collector: K. Wolf

Telephone No.: 410-313-2645

Date Collected: 1/15/13

Time Collected: — a.m. 4:00 p.m.

Nitric Acid Preserved: Yes  No

Iced: Yes  No

Submitters Code:

Federal Project:

Field Data: — pH — Chlorine

Remarks: Cross on  $\beta$  Field Blank

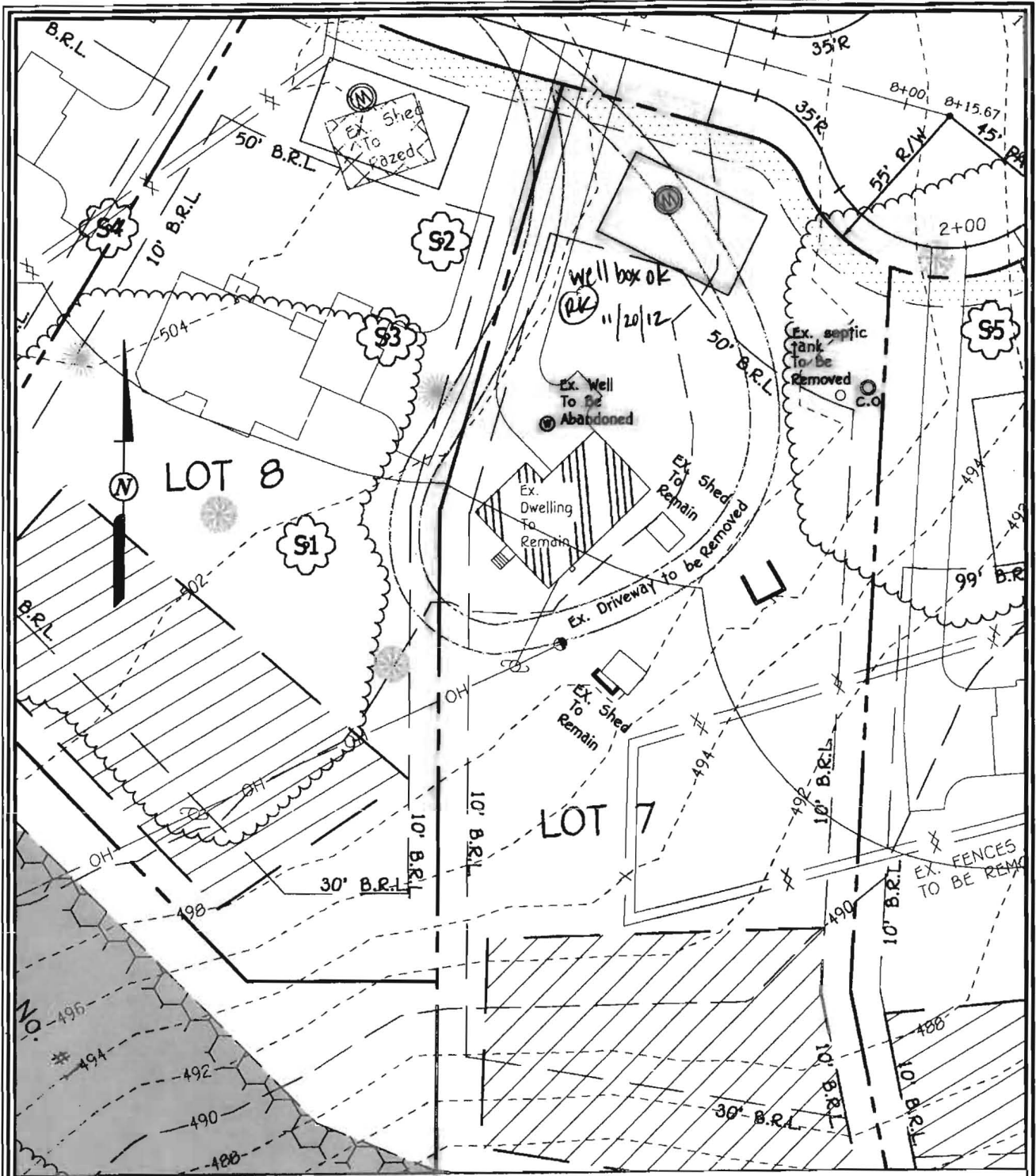
✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
	Gross Alpha	4000				
	Gross Beta	4100				
	Radon-222 Bottle A	4004				
	Radon-222 Bottle B	4004				
✓	Field Blank #A	4004				
	Field Blank #B	4004				
	Tritium					
	Ra - 226	4020				
	Ra - 228	4030				
	Total Uranium	4006				

Date Received: —/—/—

Supervisor: —

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

I:\2005\05037\dwg\FINAL\05037 well maps.dwg, LOT 7, 9/26/2012 2:22:39 PM, 1:1



**WELL LOCATION INFORMATION:**

NORTHING = 547,113.1358      EASTING = 1,324,593.9623  
 LATITUDE = N39°10'08.14"      LONGITUDE = W76°57'24.35"

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELICOTT CITY, MARYLAND 21042  
 (410) 461 - 2895

**LOT 7 WELL MAP**  
**SCHOOLEY MILL FARM**

BUILDABLE LOTS 1 - 11,  
 BUILDABLE PRESERVATION PARCEL 'A' &  
 NON-BUILDABLE PRESERVATION PARCELS 'B' - 'D'  
 ZONED: RR-DEO  
 TAX MAP 40, GRID 10 & 11, PARCEL 115 & 149  
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50'      DATE: SEPT. 26, 2012  
 SHEET 7 OF 12



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 1-866-313-6380  
 website: www.hchhealth.org

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

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

Well Site Location:  
Schooly Mill Farm      7 Hall Shop RD  
 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 8/20/12 (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 3/11/05