

C1 6623

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 522987

ST/CO USE ONLY DATE Received

07/18/11

DATE WELL COMPLETED

07/13/11

Depth of Well

280 (TO NEAREST FOOT)

9/15/11 OK KW

PERMIT NO. FROM "PERMIT TO DRILL WELL"

40-95-21.59

OWNER Heritage Land Development last name Meriwether first name Dr TOWN Glenely SUBDIVISION Meriwether Farm SECTION 2 LOT 21

WELL LOG table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Includes entries for Sand (0-48) and Mica Rock (48-280).

GROUTING RECORD, CASING RECORD, SCREEN RECORD sections with checkboxes for grouting, casing types (Steel, Concrete, Plastic), and screen types (Steel, Brass, Open Hole).

PUMPING TEST section with fields for HOURS PUMPED (3), PUMPING RATE (15), METHOD USED (Bucket), and TYPE OF PUMP USED (Submersible).

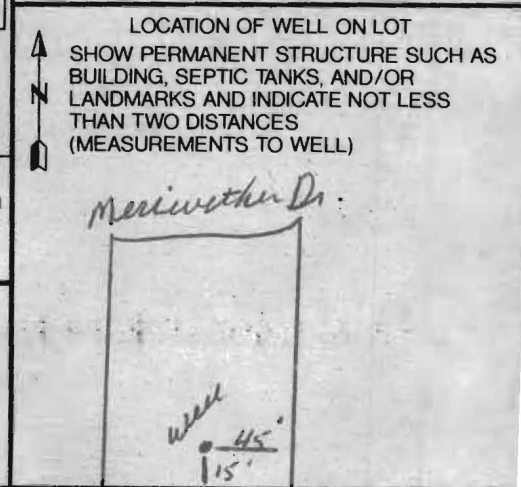
IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED Y

SCREEN RECORD table with columns for depth (nearest ft.) and screen type. Includes entry for HO 50-280.

PUMP INSTALLED section with fields for CAPACITY (GALLONS PER MINUTE), PUMP HORSE POWER, and CASING HEIGHT (02).

A AS WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED. E ELECTRIC LOG OBTAINED. P TEST WELL CONVERTED TO PRODUCTION WELL.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68



I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04...

DRILLERS IDENT. NO. MSD 117. DRILLERS SIGNATURE. SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) section with fields for T, WQ, TELESCOPE CASING, LOG INDICATOR, and OTHER DATA.

B 1 0979

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type

STATE PERMIT NUMBER

HO-95-2159 fill in this form completely

Date Received (APA) 06 15 11

OWNER INFORMATION

Heritage Realty & Land Develop PO Box 482 LISBON MD 21765

LOCATION OF WELL

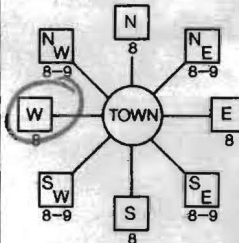
Howard Meriwether Farm GLENELG

MILES FROM TOWN (enter 0 if in town) 2

DRILLER INFORMATION

Ralph E. MAYRE MS D 117 RALPH MAYRE Well Drilling 17024 Handy Rd Mt Airy MD 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Meriwether Dr. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

700 DISTANCE FROM ROAD

ENTER FT OR MI

TAX MAP: 21 BLK: 16 PARCEL 22

WELL INFORMATION

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) A522987

COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S

DATE ISSUED 6/29/2011 Brian Baker 6/29/2011

NORTH GRID 519 000 EAST GRID 791 000

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

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 8 1/2 INCH

METHOD OF DRILLING (circle one)

AIR-ROTary JETTED Jetted & DRIVEN AIR-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 DEEPEM 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 H02008G010

PERMIT No. HO-95-2159

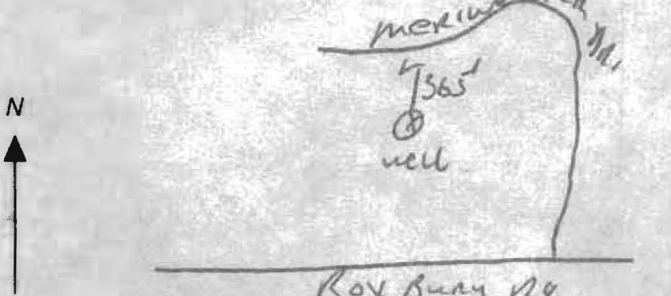
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7921 N 519

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 NOTE: APPROVING AUTHORITIES SHOULD USE SPECIAL SHEET PROVIDED Well within 100' Must Be Simultaneously Yield Tested



**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: Fogles Well Drilling LLC Telephone #: 410 795-5670  
Address: PO Box 202J  
Woodbine, MD 21797

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

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

Name (Print): David C Fogle License# MSD 226

\*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: Toll Brothers Telephone #: 410-489-7408  
Subdivision: CANTON OVERLOOK Lot #: 21 Well Tag #: HO-95-2154 ✓  
Site Address: 14955 Meriwether Dr  
Greenely, MD 21737

Submersible Pump Data

Make: Grundfos  
Model #: 1550P07-180  
Pump Capacity: 7 GPM  
Well Yield: 15 GPM

Pitless Adapter

Make: Campbell  
Model#: N/A  
Depth: 26" (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 1 1/2" B.G.: YES  
Conduit secured to well cap: YES

Depth of well encountered at time of pump installation: 280 (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: 1" poly pipe  
PSI: 160 (160 psi min)  
Depth of supply line: 36" (36" min)

House Connection

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

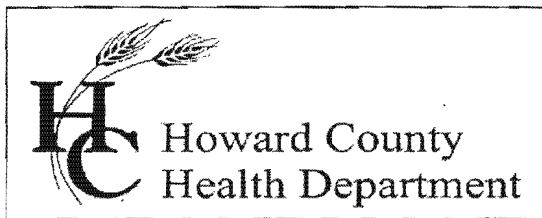
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Dave Fogle date: 7-9-14

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

Date Insp. Requested: 7-9-14 Date Insp. Approved: 7-9-14 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 3" 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

Facebook: www.facebook.com/hocohealth  
Twitter: HowardCoHealthDep

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

**INTERIM CERTIFICATE OF POTABILITY**

Expiration Date – FEBRUARY 28, 2015

August 28, 2014

Homeowner  
14885 Meriwether Drive  
Gleelg, MD 21737

RE: Meriwether Farm, Lot 21  
14885 Meriwether Drive  
Building Permit: B13003646  
Well Permit: HO-95-2159

Dear Homeowner:

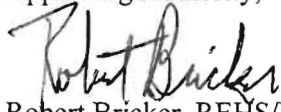
This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on 8/28/2014. Final approval of the well line connection to the dwelling was granted on 7/9/2014. The well construction was completed on 7/13/2011. Water samples were collected on 8/25/2014.

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-95-2159. 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.**

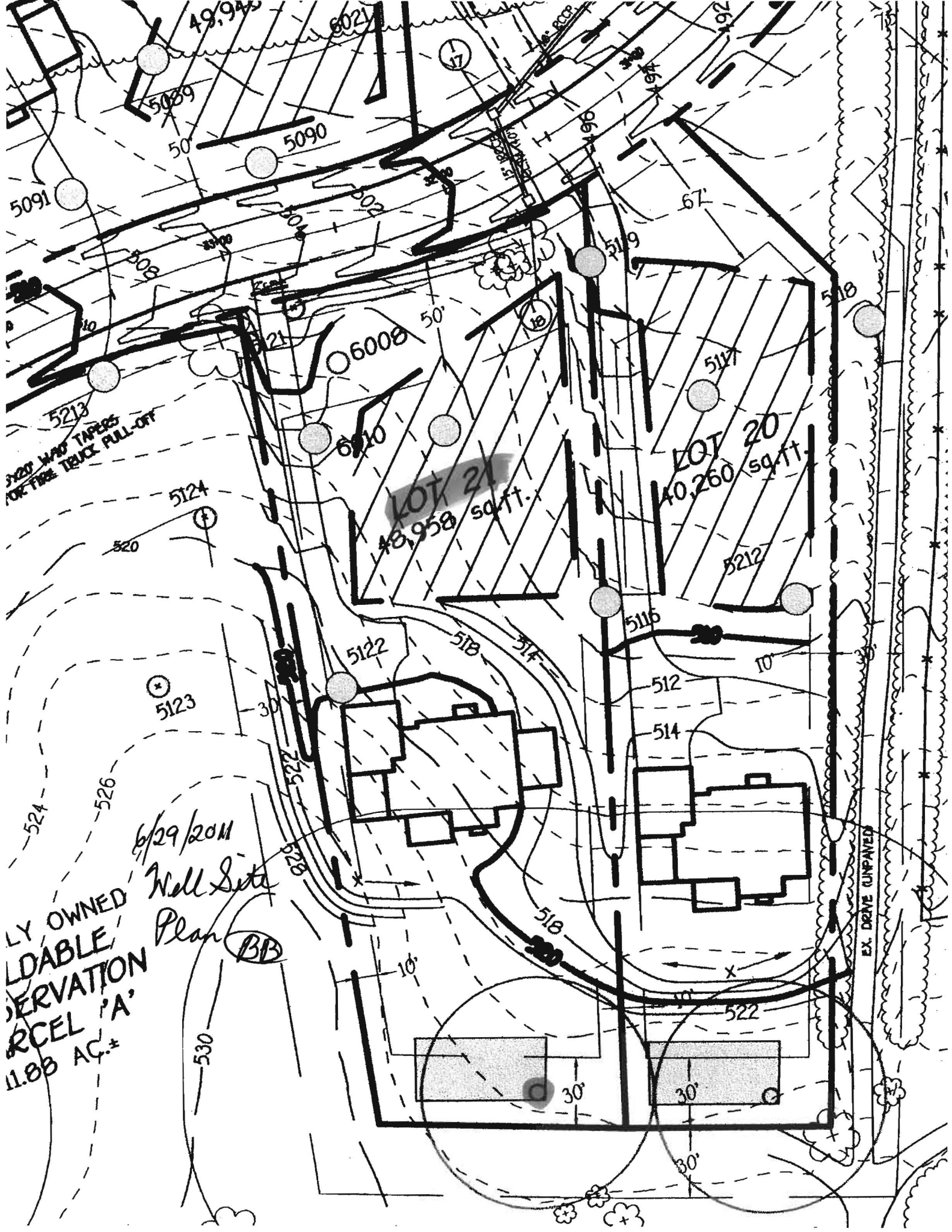
Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:  
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

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



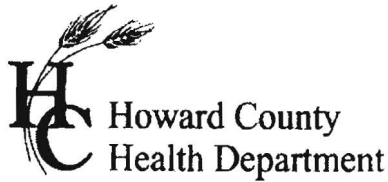
LY OWNED  
LDABLE  
ERVATION  
RCEL 'A'  
1.88 AC.±

6/29/2011  
Well Site  
Plan BB

LOT 2  
18,958 sq. ft.

LOT 20  
40,260 sq. ft.

EX. DRIVE UNPAVED



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

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Peter L. Bielson, 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>Meriwether Farm, Sec. II, Ph. 2</u>	<u>21</u>	<u>Meriwether Drive</u>
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 3/21/11 (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

# 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 #: 95833 Account #: 1930  
Reference: Toll Brothers Lot 21 Company: Fogle's Well Drilling  
Location: 14885 Meriwether Drive Requested By: Dave Fogle  
Glenelg, MD 21737 Source: Well Water  
Date/ Time Collected: 8/25/2014 1026 Site: Kitchen Sink Tap ✓  
Date/Time Rec'd: 8/25/2014 1330 Treatment: None  
Chlorine ppm: Free: ND ✓ Total: ND pH: 6.6  
Collected By: J. Fogle 1974JF Well #: HO-95-2159

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0 ✓	MPN/ 100 ml	<1.0	SM18 9223	8/26/2014 / 0930 / LLO
Bacteria, E. coli, MPN	<1.0 ✓	MPN/ 100 ml	<1.0	SM18 9223	8/26/2014 / 0930 / LLO
Nitrate	<1.0 ✓	mg/L	10	601	8/26/2014 / 1130 / CRS
Turbidity	0.93 ✓	NTU	<10	SM18 2130B	8/26/2014 / 1210 / CRS
Sand	NS ✓	mg/L	5	Visual/Gravimetric	8/26/2014 / 1210 / CRS

OK reB 8/28/2014

### 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 Sample collected by client, analyzed as received
- 8 pH tested in lab, chlorine level tested on site

Reason for Test : Use & Occupancy  
Building Permit # : 13003646

Date Reported: 8/26/2014

11. NON-TRANSFERRABLE - THIS PERMIT IS NON-TRANSFERRABLE. A NEW OWNER MAY ACQUIRE AUTHORIZATION TO CONTINUE THIS APPROPRIATION BY FILING A NEW APPLICATION WITH THE ADMINISTRATION. AUTHORIZATION WILL BE ACCOMPLISHED BY ISSUANCE OF A NEW PERMIT.
12. \*\*\*\*\*  
\* INITIATION OF WITHDRAWAL - THE PERMITTEE SHALL NOTIFY THE\*  
\* ADMINISTRATION BY CERTIFIED MAIL WHEN WITHDRAWALS FOR THE\*  
\* USES SPECIFIED IN THIS PERMIT HAVE BEEN INITIATED. THIS \*  
\* PERMIT SHALL EXPIRE IF WATER WITHDRAWAL IS NOT COMMENCED \*  
\* WITHIN TWO YEARS AFTER THE EFFECTIVE DATE OF THIS PERMIT \*  
\* EXCEPT THAT UPON WRITTEN REQUEST TO THE ADMINISTRATION \*  
\* PRIOR TO THE EXPIRATION OF THE TWO YEAR PERIOD, THE TIME \*  
\* LIMIT MAY BE EXTENDED FOR GOOD CAUSE, AT THE DISCRETION \*  
\* OF THE ADMINISTRATION. \*  
\*\*\*\*\*
13. WELL SPACING- IN ORDER TO MINIMIZE THE POTENTIAL FOR INTERFERENCE BETWEEN WELLS, ALL WELLS SHALL BE LOCATED WITHIN LOCALLY APPROVED WELL BOXES AND, WHERE FEASIBLE, BE CONSTRUCTED SO AS TO ACHIEVE A SEPARATION OF AT LEAST 100 FEET FROM EACH OTHER AND/OR FROM EXISTING WELLS ON OTHER PROPERTIES. THE PERMITTEE SHALL CONDUCT SIMULTANEOUS YIELD TESTS FOR ANY WELLS THAT ARE SEPARATED BY LESS THAN 100 FEET. IN THE EVENT THAT A WELL TESTED SIMULTANEOUSLY WITH OTHER WELLS DOES NOT MEET MINIMUM YIELD STANDARDS, THE PERMITTEE SHALL RELOCATE OR DEEPEN THE WELL OR SEEK LOCAL APPROVAL TO RELOCATE THE WELL BOXES SO AS TO ACHIEVE THE 100-FOOT SEPARATION DISTANCE. ALL WELLS SHALL COMPLY WITH WELL CONSTRUCTION REQUIREMENTS.

BY AUTHORITY OF THE DIRECTOR  
WATER MANAGEMENT ADMINISTRATION

*for* *Andrew* *2/6/2009*  
John W. Grace, Chief  
SOURCE PROTECTION AND APPROPRIATION DIV  
*MSM*