

B 1 0836
1 2 3 6

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
529593 please type

STATE PERMIT NUMBER
HD-95-1695
fill in this form completely 79

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13
Heritage Realty
15 Last Name Owner First Name 34
1550 W. AVE
36 Lisbon MD 21765
57 Town 70 State 72 Zip 76

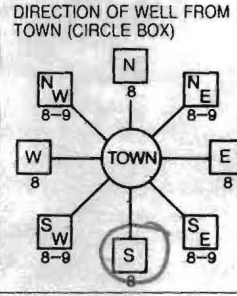
B 3 LOCATION OF WELL

8 COUNTY 21
Howard
23 SUBDIVISION
Merrillweather Farm
SECTION 44 46 LOT 48 50
52 NEAREST TOWN
Greenwood Cloudy
MILES FROM TOWN (enter 0 if in town) 4
73 76 77 78

DRILLER INFORMATION

76 Driller's Name M SD 117
Ralph E. Wayne
81 License No.
Ralph E. Wayne Inc
Firm Name
17024 Handy Rd. Mt Airy MD 21071
Address
Signature Date
9/30/08

B 4



11 30
Double Bridges Ct
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST 32 EAST
SOUTH
34 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39
TAX MAP: 21 BLK: 15 PARCEL 24

B 2 WELL INFORMATION

7 2
APPROX. PUMPING RATE (GAL. PER MIN.) 5
8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500
14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard AS22520
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 10/30/08 EXP. DATE 12/30/09
43 MM DD YY 48 CO SIGNATURE
NORTH GRID 519 000 EAST GRID 787 000
50 55 57 63

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
- GEO-THERMAL

- SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
- SOURCES OF DRILLING WATER
- well
 -
 -

APPROXIMATE DEPTH OF WELL 150 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

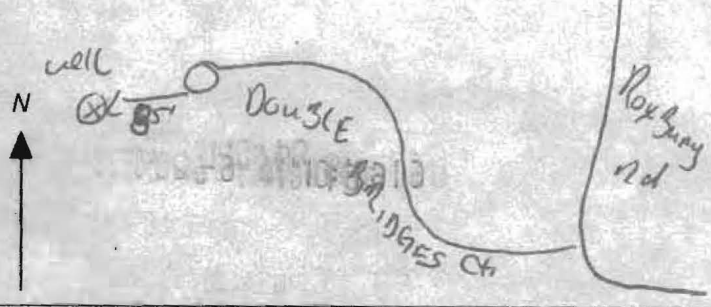
BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary)
37 CABLE REVerse-ROtary DRive-POINT
other

WRITE THE BOX NUMBER FROM THE MAP HERE
E 750 87
N 520 14
000
000

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
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 - - - - - 52

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



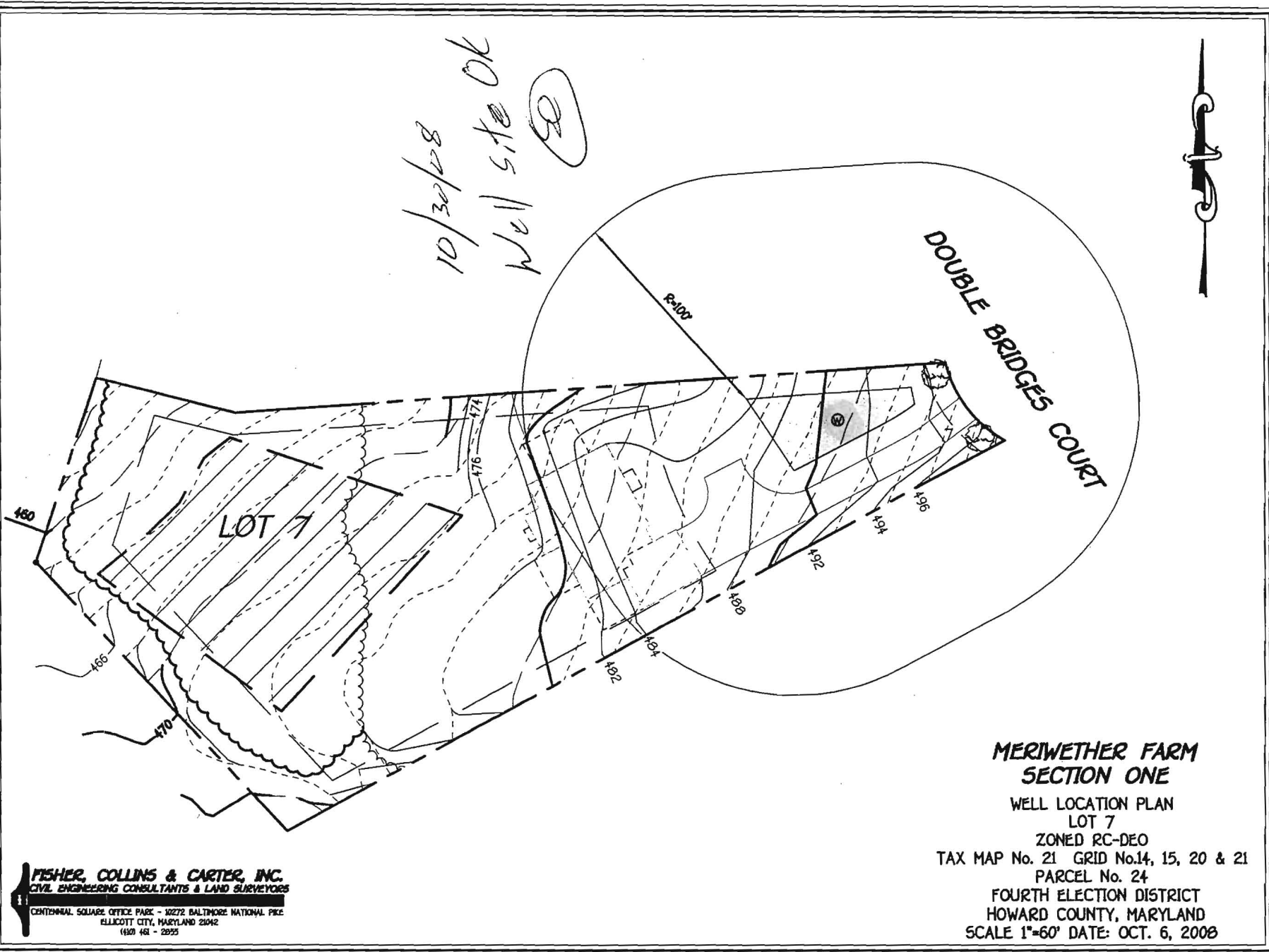
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER Ex-HD G
PERMIT No. HD-95-1695
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

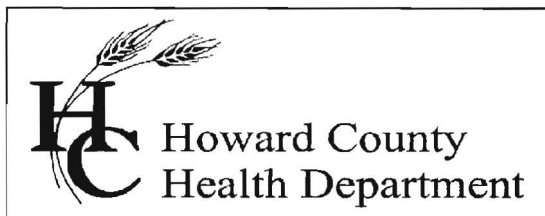
10/30/08
Well site OK
33



**MERIWETHER FARM
SECTION ONE**

WELL LOCATION PLAN
LOT 7
ZONED RC-DEO
TAX MAP No. 21 GRID No.14, 15, 20 & 21
PARCEL No. 24
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE 1"=60' DATE: OCT. 6, 2008

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2955



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 – June 23, 2015

January 23, 2015

Homeowner
15059 Double Bridges
Glenelg, Maryland 21737

**RE: Meriweather , Sec. I, Lot #7
15059 Double Bridges
Building Permit: B14000313
Well Permit: HO-95-1695**

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 **1/23/2015**. Final approval of the well line connection to the dwelling was granted on **7/3/2014**. The well construction was completed on **03/11/2009**. Water samples were collected on **11/21/2014**.

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-95-1695. 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,

Dana Bernard

Dana Bernard, R.E.H.S., L.E.H.S
Environmental Sanitarian
Well & Septic Program

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

**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: Northern Virginia Drilling Telephone #: 703-361-6859
Address: 11356 Industrial Rd.
MANASSAS VA 20109

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

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

Name (Print): SHAWN MILLER License# MSD216

***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: K. Hannanian Homes Telephone #: 240-882-7662
Subdivision: Meriwether Farms Lot #: 7 Well Tag #: HO-95-1695
Site Address: 15059 Double Bridges Ct
Glenwood MD 21738

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>FLINT and WALLING</u>	Make: <u>BOSTON</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>4F10G07-30</u>	Model#: <u>P100SS</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity <u>10</u> GPM	Depth: <u>36"</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>6</u> GPM	NSF/WSC approved: <input type="checkbox"/>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>240'</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4		
<input checked="" type="checkbox"/> 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 <u>inside of well casing</u> <input checked="" type="checkbox"/>		

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>Polyethylene</u>	PVC sleeve to undisturbed soil at wall penetration: <input checked="" type="checkbox"/>
PSI: <u>200</u> (160 psi min)	Length of sleeve(5' minimum from foundation): <u>5'+</u>
Depth of supply line: <u>36"</u> (36" min)	Sleeve sealed properly: <input checked="" type="checkbox"/>

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: [Signature] date: 7-2-14

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

Date Insp. Requested: _____ Date Insp. Approved: 7/3/14 Inspector: RR

Inspection Data:

Pitless adapter watertight & water supply line at least 36" below grade	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>
Safety rope not outside of well cap/casing	<input checked="" type="checkbox"/>
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>
Adequate grout observed below pitless adapter	<input checked="" type="checkbox"/>

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 #: 97943 Account #: 3192
Reference: Meriwether Lot 7 Company: Northern Virginia Drilling
Location: 15059 Double Bridges Court Requested By: Dick Trelease
Glenelg, MD 21737 Source: Well Water
Date/ Time Collected: 11/21/2014 1240 Site: Powder Room Sink
Date/Time Rec'd: 11/21/2014 1350 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.6
Collected By: B. Dutterer 4717BD Well #: HO-95-1695

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	11/22/2014 / 1015 / BCD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	11/22/2014 / 1015 / BCD
Nitrate	9.80	mg/L	10	601	11/21/2014 / 1600 / CCH
Turbidity	2.77	NTU	<10	SM18 2130B	11/21/2014 / 1440 / JKW
Sand	NS	mg/L	5	Visual/Gravimetric	11/21/2014 / 1440 / JKW

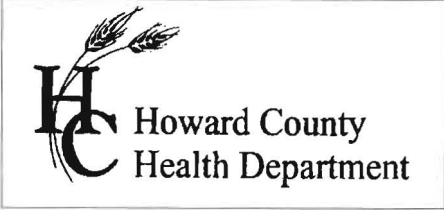
high
OK
1-23-14
DB

NOTES

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

Reason for Test : Use & Occupancy
Building Permit # : B14000313

Date Reported: 11/24/2014



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:

Meriwether, Section 1	7	Double Bridges Court
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 Oct. 7 & 8, 2008 (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