



B 1	26823	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND <b>APPLICATION FOR PERMIT TO DRILL WELL</b> please type <i>546350</i>	STATE PERMIT NUMBER <i>HO-14-0017</i> <small>70 fill in this form completely 79</small>
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**OWNER INFORMATION**

Date Received (APA) *02 07 14*  
8 MM DD YY 13

*ZEPPE Realty Inc*  
15 Last Name Owner First Name 34

*4012 SALEM Bottom Rd*  
36 Street or RFD 55

*Westminster MD 21157*  
57 Town 70 State 72 Zip 76

**LOCATION OF WELL**

*Howard*  
8 COUNTY 21

*LAYTON Knoll*  
23 SUBDIVISION 42

SECTION *4* LOT *1*  
44 46 48 50

*Lisbon MD*  
52 NEAREST TOWN 71

**DRILLER INFORMATION**

*Ralph E. MAYNE MS D 119*  
Driller's Name 76 License No. 81

*Ralph MAYNE well DRILLING*  
Firm Name

*17024 Handy Rd. Mt. Airy MD 21201*  
Address

*ML E Wagon 4-23-14*  
Signature Date

**SOURCES OF DRILLING WATER**

1. *well*

2.

3.

*Florence Rd*  
11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD  
(CIRCLE APPROPRIATE BOX)

NORTH  
 WEST  EAST  
 SOUTH

34 *100* 37 DISTANCE FROM ROAD  
ENTER FT OR MI *ft* 38 39

TAX MAP: *7* BLK: \_\_\_\_\_ PARCEL *112 544 545*

**WELL INFORMATION**

APPROX. PUMPING RATE *5*  
(GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED *500*  
(GAL. PER DAY) 14 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 536788* *13*  
COUNTY NAME COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_ 41

DATE ISSUED *5/28/14* *H. Oswald* *5/28/15*  
43 MM DD YY 48 CO SIGNATURE EXP. DATE

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 \_\_\_\_\_

**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

39  THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

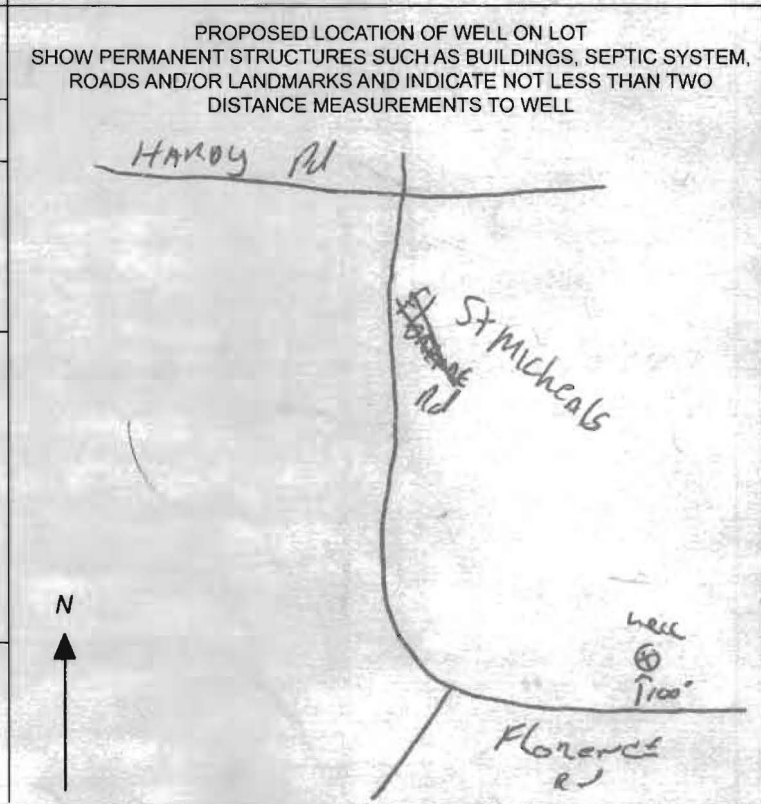
THIS WELL WILL DEEPEM AN EXISTING WELL

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)**

APPROX. PERMIT NUMBER \_\_\_\_\_ **G** \_\_\_\_\_

PERMIT No. *HO-14-0017*  
70 71 72 73 74 75 76 77 78 79



**SPECIAL CONDITIONS**

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



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: Cumberland Co Inc Telephone #: 301-854-6838  
Address: 16391 A.E. Mollards  
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): Kelly Emberton License# 61417

\*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: Herry Dmello Telephone #: \_\_\_\_\_  
Subdivision: Layton Knolls Lot #: 1 Well Tag #: HO-14-0017  
Site Address: 2771 Florence Rd  
Woodbine MD

Submersible Pump Data      Pitless Adapter      Well Cap and Electric Conduit  
Make: Myers      Make: Hamm      Two piece watertight cap:   
Model #: 2wnc 232wtr      Model #: 11      Screened, vented well cap:   
Pump Capacity: 6 GPM      Depth: 42" (36" min)      Cap secured to casing:   
Well Yield: 6.5 GPM      NSF/WSC approved: \_\_\_\_\_      Conduit min 18" B.G.:   
Depth of well encountered at time of pump installation: 65 (feet)      Conduit secured to well cap:   
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque wrench, 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

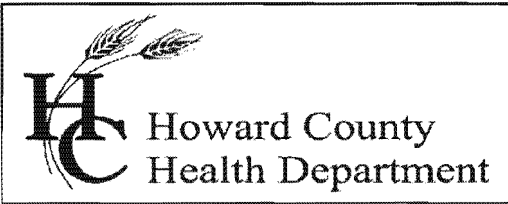
Piping to house      House Connection:  
Type: 1" Poly      PVC sleeve to undisturbed soil at wall penetration:   
PSI:  (160 psi min)      Approximate length of sleeve: 70"  
Depth of supply line: 2 (36" min)      Sleeve caulked and sealed properly:

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.

Kelly Emberton      4-27-15  
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: 4/27/15 Inspector: 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 seen 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 Blvd., Columbia, MD 21045  
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  
Twitter: HowardCoHealthDep

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

**INTERIM CERTIFICATE OF POTABILITY**

**Expiration Date – NOVEMBER 5, 2015**

May 5, 2015

Homeowner  
2771 Florence Road  
Woodbine, MD 21797

**RE: Layton Knolls, Lot 1  
2771 Florence Road  
Building Permit: B14004193  
Well Permit: HO-14-0017**

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 **4/30/2015**. Final approval of the well line connection to the dwelling was granted on **4/9/2015**. The well construction was completed on **5/12/2014**. Water samples were collected on **4/29/2015**.

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. 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-14-0017. 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 black ink, appearing to read "Kevin M. Wolf", with a long horizontal flourish extending to the right.

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

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





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. 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:

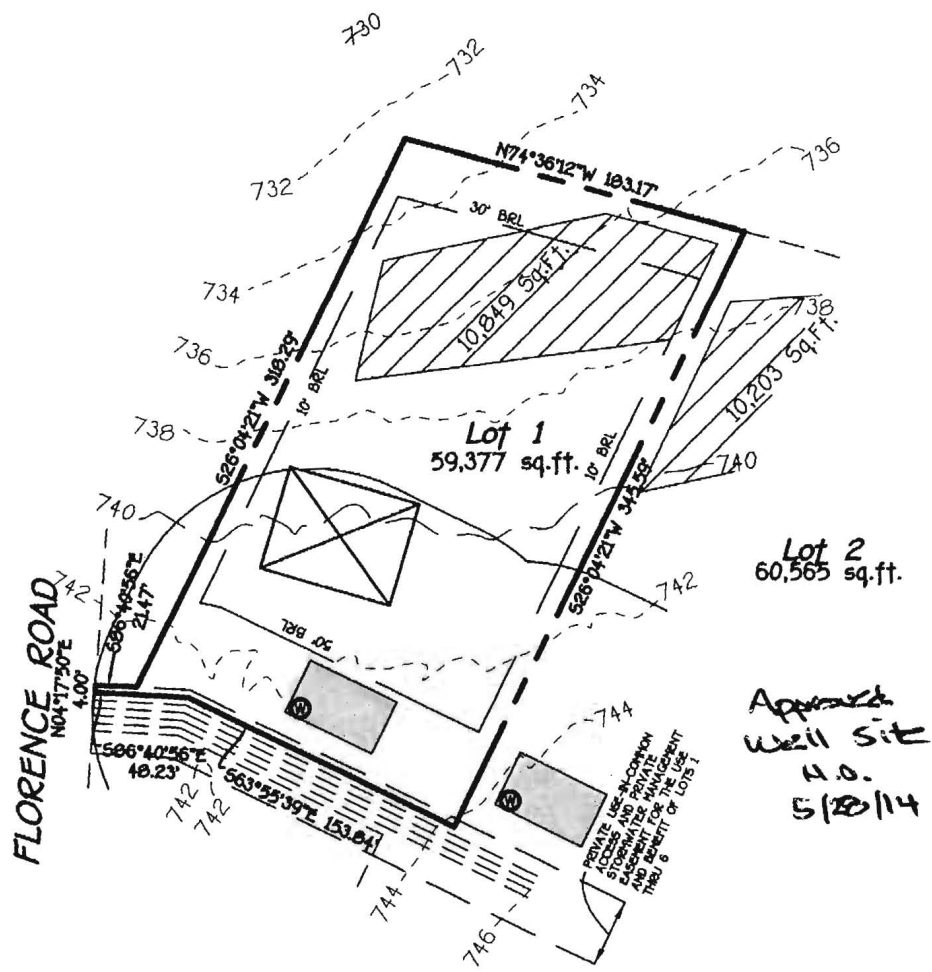
Layton Knoll	#1	Florence Road
<b>Subdivision/Property Name</b>	<b>Lot #</b>	<b>Road Name</b>

- The well site has been staked by Fisher, Collins & Carter,  
(professional land surveyor or company employing professional land surveyors)  
on 04/09/14 (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

... 10/10/10 10:10:10 Well Exhibit Lot 1.dwg, Model, 3/21/2014 9:28:33 AM, 1:100



Lot 2  
60,565 sq. ft.

Approx  
Well Site  
N.O.  
5/18/14

EXHIBIT TO ACCOMPANY  
WELL PERMIT  
LOT 1

Layton Knoll  
Lots 1 Thru 6, Buildable Preservation  
Parcel 'A' And Non-Buildable Preservation Parcel 'B'  
(Being A Subdivision Of Tax Map Parcels 112, 544 And 545,  
Tax Map 7, Recorded Among  
The Land Records Of Howard County, Maryland  
In Liber 14051 At Folio 362)  
Tax Map: 7 Grid: 19 Parcels: 112, 544 And 545  
Fourth Election District  
Howard County, Maryland  
Date: March 10, 2014  
Scale: 1"=100'

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



Maryland State Certified Laboratory #318

NTS - BALTIMORE
Formerly Trace Laboratories, Inc.
5 North Park Drive
Hunt Valley, MD 21030 USA
Telephone: 410/584-9099 / Fax: 410/584-9117
www.nts.com

CERTIFICATE OF ANALYSIS

Requester: Cumberland Development
16391 A.E. Mullinix Road
Glenwood Maryland 21797
S/O Number: 100389
Report Date: April 30, 2015

Property Sampled: 2771 Florence Road, 21797
Sample Location: Pressure Tank Tap
Residual Chlorine: <0.1 mg/L
Building Permit #: 14004193
Sampler ID #: 7483AM
Samples Iced: Yes

County: Howard Subdivision: Layton Knoll Lot #: 1

Date/Time Collected in Field: April 29, 2015 10:27 am
Date/Time Received in Lab: April 29, 2015 12:43 pm

Well Tag #: HO-14-0017
Well Condition: 2-Piece Cap, Satisfactory

Water Treatment/Conditioning: N/A - Raw Sample

Table with 5 columns: PARAMETER, METHOD, MCL/\*SMCL, RESULT, COMMENT. Rows include Total Coliform, E. coli, Nitrate, Turbidity, pH (Field), and Sand.

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 NTS.

Handwritten initials 'OK' with a checkmark.

Signature of 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.