

C1 6948

SEQUENCE NO. (MDE USE ONLY)

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 NUMBER A 516 902

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-1029

OWNER Highland Development Corporation STREET OR RFD Hidden Creek Way TOWN Mt. Airy SUBDIVISION Windsor Forest Knolls SECTION LOT 2

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 FROM TO check if water bearing

Brown Shale 0 109 Blue Rock 109 200

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 25 NO. OF POUNDS 2350

GALLONS OF WATER 150

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 102 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 ST Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 114

OTHER CASING (if used)

Table with columns for diameter inch and depth from to

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 YES Y NO N

CIRCLE APPROPRIATE LETTER 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 28.04.04 "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. 1 MSD024 DRILLERS SIGNATURE Joseph L. Mayne

LIC. NO. 1 D

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

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 50 ft.

WHEN PUMPING 117 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

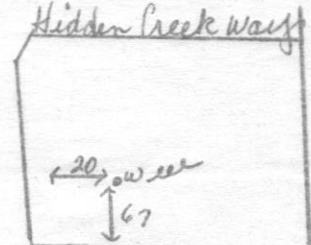
PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 3 (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 **9855** SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL STATE PERMIT NUMBER
 1 2 3 6 526278 please type 140-95-1029
 70 fill in this form completely 79

Date Received (APA) 1/27/07
 OWNER INFORMATION
 8 MM DD YY 13
 15 Last Name Owner First Name 34
 36 P.O. Box 228 Street or RFD 55
 57 Clarksville Md 21029 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
 8 COUNTY Howard 21
 23 SUBDIVISION Windsor Forest Knolls 42
 SECTION 44 46 LOT 2 48 50
 52 NEAREST TOWN Mt. Airy 71
 MILES FROM TOWN (enter 0 if in town) 5 MI 73 76 77 78

DRILLER INFORMATION
 Driller's Name Joseph L. Mayne M S D 004 76 License No. 81
 Firm Name Joseph L. Mayne Well Drilling
 Address 5512 Ridge Rd Mt. Airy Md 21029
 Signature Joseph L. Mayne Date 3-2-07

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 11 NEAR WHAT ROAD Hidden Creek Way 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH NORTH WEST SOUTH EAST WEST SOUTH WEST
 34 200 37 DISTANCE FROM ROAD 175 FT
 ENTER FT OR MI 38 39
 TAX MAP: 6 BLK: 16 PARCEL 57

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

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

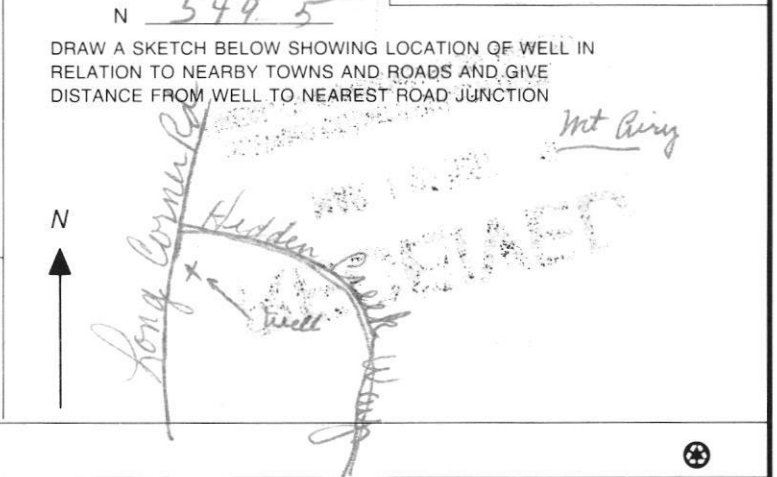
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 COUNTY NAME Howard 13 COUNTY NO. A 516902
 STATE SIGNATURE _____ INSERT S → 41
 DATE ISSUED 3/28/07 CO SIGNATURE Kim Wall 3/28/09 EXP. DATE
 43 MM DD YY 48 NORTH GRID 5415 000 EAST GRID 0756 000
 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 24 28 FEET
 APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. Well
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E 7506
 N 5405
 000
 000

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 _____ G _____
 PERMIT No. 140-95-1029
 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
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: Barlow Well Drilling Telephone #: 410-838-6910
Address: 522 UNDERWOOD LANE
BEL AIR, MD 21014

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Michael Isom License# MSD162

***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: Keystone Homes Telephone #: 301-787-0434
Subdivision: WINDSOR FOREST KNOLL Lot #: 2 Well Tag #: HO-95-1029
Site Address: 18402 HIDDEN CREEK WAY
MT AIRY, MD 11/18/2021

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Goulds</u>	Make: <u>B&B</u>	Two piece watertight cap: <u> </u>
Model #: <u>7CS05422</u>	Model#: <u>P100</u>	Screened, vented well cap: <u> </u>
Pump Capacity <u>7</u> GPM	Depth: <u>42</u> (36" min)	Cap secured to casing: <u> </u>
Well Yield: <u>10</u> GPM	NSF/WSC approved: <u> </u>	Conduit min 18" B.G.: <u> </u>
Depth of well encountered at time of pump installation: <u>200</u> (feet)	Conduit secured to well cap: <u> </u>	
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 <u>inside of well casing</u>		

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>1" PCH</u>	PVC sleeve to undisturbed soil at wall penetration: <u> </u>
PSI: <u>200</u> (160 psi min)	Length of sleeve (5' minimum from foundation): <u>6'</u>
Depth of supply line: <u>42</u> (36" min)	Sleeve sealed properly: <u> </u>

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.

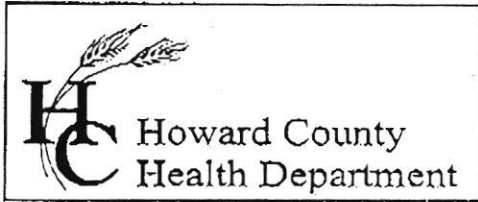
Signature of company representative responsible for installation _____ date 11/16/2021

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

Date Insp. Requested: 11/18/2021 Date Insp. Approved: 11/18/2021 Inspector: [Signature]

Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade	<u> </u>	<u>54"</u>	<u>11/18/2021</u>	<u>[Signature]</u>
Two piece cap installed and attached to casing securely	<u> </u>			
Elec. conduit extends at least 18" below grade/attached to cap properly	<u> </u>	<u>31"</u>	<u>11/18/2021</u>	<u>[Signature]</u>
Safety rope not outside of well cap/casing	<u> </u>			
Correct well tag attached properly and casing 8" above finished grade	<u> </u>	<u>28"</u>	<u>11/18/2021</u>	<u>[Signature]</u>
Water supply line sleeved adequately at house connection	<u> </u>			
Adequate grout observed below pitless adapter	<u> </u>			

200
House
11/18/2021



7178 Columbia Gateway Drive, Columbia, MD 21046
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

Penny E. Borenstein, 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:

<u>Windsor Forest Knolls</u>	<u>18 Lots</u>	<u>Hidden Creek Way</u>
Subdivision/Property Name	Lot#	Road Name

The well site has been staked by FSH Associates
 (professional land surveyor or company employing professional land surveyors)
Wilson 3-15-2007 (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.

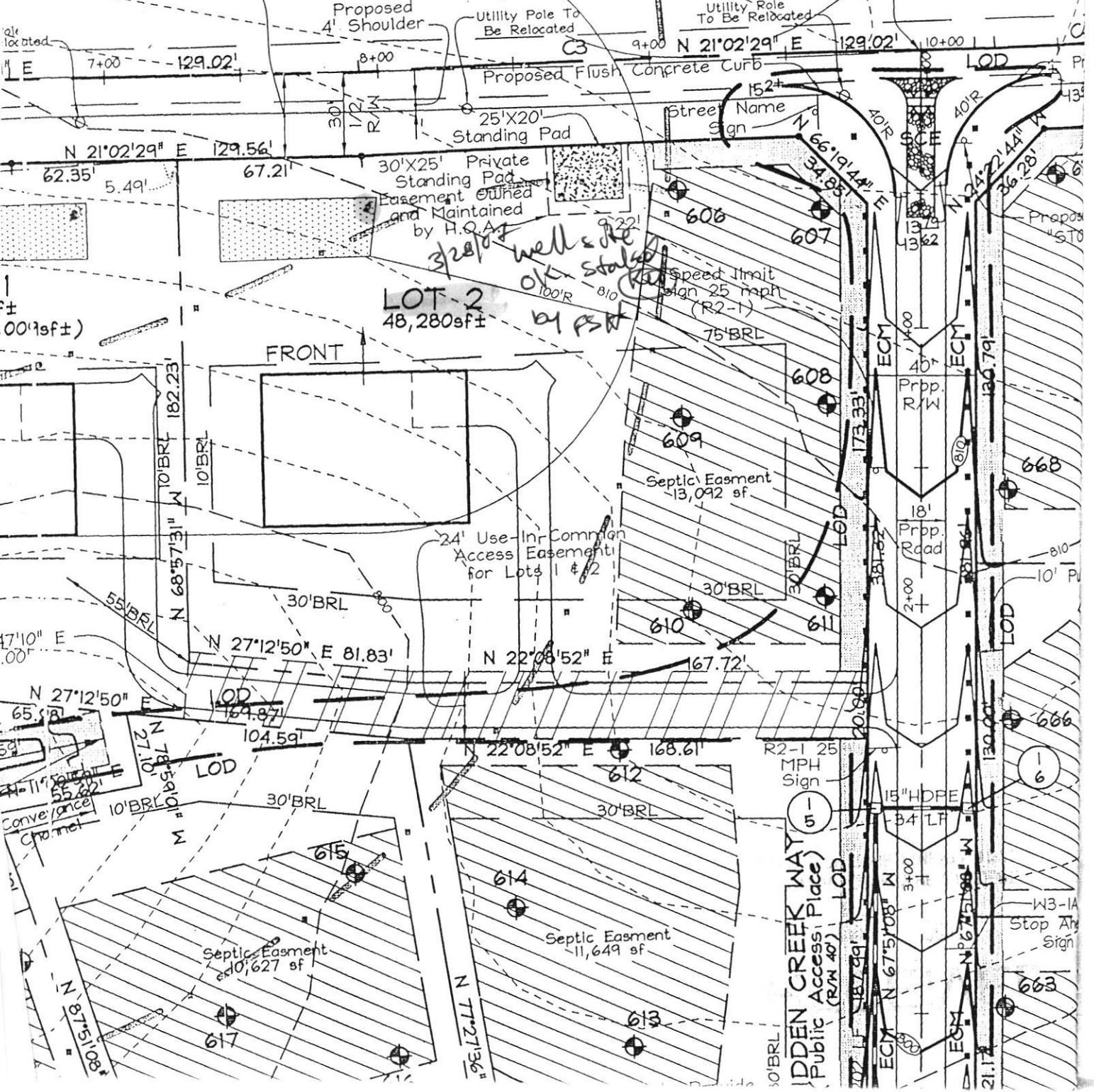
This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 3/11/05

[Faint, illegible stamps or markings]

dedicated to Howard
County for the purpose of
public road 0.864 Acres

Begin Road Construction
Long Corner Road $\frac{1}{2}$ Station 10+00
= $\frac{1}{2}$ Hidden Creek Way Station 0+00
Elevation: 815.39



LOT-2
48,280sf±

FRONT

24' Use-Inr Common
Access Easement
for Lots 1 & 2

Septic Easment
13,092 sf

Septic Easment
10,627 sf

Septic Easment
11,649 sf

HIDDEN CREEK WAY
(Public Access Place)
(R/W 40')

LON

Ex. Cleanout

Proposed
"STO"

Prop.
R/W

18'
Prop.
Road

15" HDPE
34 LF

W3-1A
Stop At
Sign

R2-1 25
MPH
Sign

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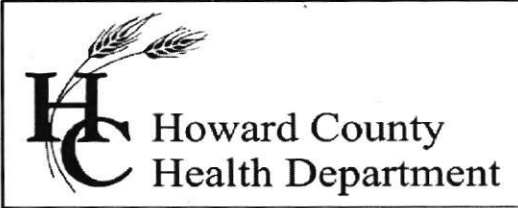
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Bureau of Environmental Health

8930 Stanford Boulevard, 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](https://twitter.com/HowardCoHealthDep)

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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – AUGUST 1, 2022

February 1, 2022

Homeowner
18402 Hidden Creek Way
Mount Airy, MD 21771

**RE: Windsor Forest Knolls, Lot 2
18402 Hidden Creek Way
Building Permit: B21001892
Well Permit: HO-95-1029**

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 **1/24/2022**. Final approval of the well line connection to the dwelling was granted on **11/18/2021**. The well construction was completed on **5/14/2007**. Water samples were collected on **1/28/2022**.

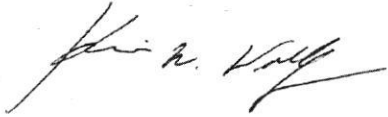
The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-95-1029. 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:

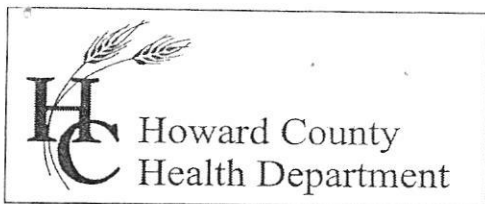
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

Approving Authority,

A handwritten signature in black ink, appearing to read "Kevin M. Wolf". The signature is fluid and cursive, with a long horizontal stroke at the end.

Kevin M. Wolf, LEHS, R.S./REHS, Supervisor
Groundwater Management Section
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
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

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

July 22, 2010

Hunt Club Ventures LLC
5300 Dorsey Hall Drive, Ste. 200
Ellicott City, MD 21042
and
Ridge View LLC
P.O. Box 228
Clarksville, MD 21029

RE: Paragon Property, Parcel A, tax act no. 04-358945
Windsor Forest Knolls, lot 1, tax act no. 04-373162
Windsor Forest Knolls, lot 2, tax act no. 04-373170

Dear Sirs:

This letter is being issued to replace the letter issued on April 6, 2010. A perc certification plan establishing a sewage disposal area (SDA) on Paragon Property was signed on August 28, 1995 and the final record plat was signed on July 25, 1996. The Health Department signed the original perc certification plan for the Windsor Forest Knolls subdivision on July 31, 2002, an amended perc certification plan on February 26, 2007, and later signed the record plat on September 14, 2007. Both the signed perc certification plan and the amended perc certification plan for Windsor Forest Knolls failed to illustrate the SDA that had been established on the Paragon Property. The *Code of Maryland Regulations (COMAR), Title 26.04-02.05 C states:*

On-site sewage disposal systems shall be located downgrade from private water supplies. A variance to this requirement may be granted by the Department of the Environment after consideration of the hydrogeologic conditions and recommendations of the Approving Authority.

Therefore, the wells that were drilled on lot 1 and lot 2 of Windsor Forest Knolls are not in conformance with COMAR because they have been located directly downgrade from the existing SDA on the Paragon Property.

On February 22, 2010 we met to discuss the situation and explained that I would consult with Steven Krieg, Regional Consultant, Wastewater Permits Program, Maryland Department of the Environment regarding the potential for a variance. After consultation, the Health Department and Maryland Department of the Environment agreed to approve a variance provided that the property owners agreed to six (6) conditions including a three (3) bedroom limitation on the Paragon Property, Parcel A.

After careful reconsideration and a revised nitrogen dilution analysis with a higher degree of treatment, the Health Department and Maryland Department of the Environment have agreed to approve a variance request without a bedroom restriction if:

1. The property owners request in the variance writing;
2. The onsite sewage disposal system (OSDS) is designed as a low pressure dosed system;
3. Relocate the SDA serving the Paragon Property to maintain a minimum of 100 foot of separation from the well boxes on lots 1 and 2 of the Windsor Forest Knolls subdivision;
4. Install a Hoot ANR system or the Nitrex system (used as an add-on to the Advantex) that shall be maintained in perpetuity or until public sewer becomes available; *and*
5. Record an agreement in land records for the Paragon Property that requires operation and maintenance in perpetuity by maintaining a service contract with a certified service provider. The system shall be inspected and have necessary operation and maintenance performed by a certified service provider at a minimum of once per year.

If the property owners are not willing to accept all five requirements, the Health Department will not be able to approve building permits for Windsor Forest Knolls, lots 1 and 2 based on the fact that the wells have been drilled directly downgrade from the platted SDA that was established prior to drilling the wells.

If you feel this is not an accurate assessment of the situation or you have any questions regarding this decision, I may be reached at (410) 313-2651.

Respectfully,

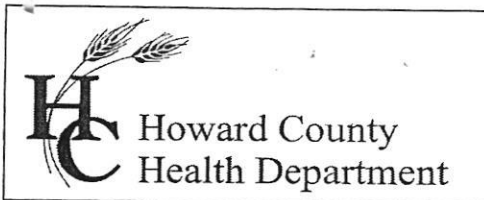


Michael J. Davis, R.S.

Assistant Director

Bureau of Environmental Health

c: File



Bureau of Environmental Health
7178 Columbia Gateway Drive, 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. Beilenson, M.D., M.P.H., Health Officer

April 6, 2010

Hunt Club Ventures LLC
5300 Dorsey Hall Drive, Ste. 200
Ellicott City, MD 21042

and

Ridge View LLC
P.O. Box 228
Clarksville, MD 21029

RE: Paragon Property, Parcel A, tax act no. 04-358945
Windsor Forest Knolls, lot 1, tax act no. 04-373162
Windsor Forest Knolls, lot 2, tax act no. 04-373170

Dear Sirs:

This letter is being issued as follow up to the Health Department review of the above referenced properties. A perc certification plan establishing a sewage disposal area (SDA) on Paragon Property was signed on August 28, 1995 and the final record plat was signed on July 25, 1996. The Health Department signed the original perc certification plan for the Windsor Forest Knolls subdivision on July 31, 2002, an amended perc certification plan on February 26, 2007, and later signed the record plat on September 14, 2007. Both the signed perc certification plan and the amended perc certification plan for Windsor Forest Knolls failed to illustrate the SDA that had been established on the Paragon Property. The *Code of Maryland Regulations* (COMAR), Title 26.04-02.05 C states:

On-site sewage disposal systems shall be located downgrade from private water supplies. A variance to this requirement may be granted by the Department of the Environment after consideration of the hydrogeologic conditions and recommendations of the Approving Authority.

Therefore, the wells that were drilled on lot 1 and lot 2 of Windsor Forest Knolls are not in conformance with COMAR because they have been located directly downgrade from the existing SDA on the Paragon Property.

On February 22, 2010 we met to discuss the situation and explained that I would consult with Steven Krieg, Regional Consultant, Wastewater Permits Program, Maryland Department of the Environment regarding the potential for a variance. The Health Department and Maryland Department of the Environment will approve a variance if:

1. The property owners request in the variance writing;

2. The onsite sewage disposal system (OSDS) is designed as a low pressure dosed system;
3. Relocate the SDA serving the Paragon Property to maintain a minimum of 100 foot of separation from the well boxes on lots 1 and 2 of the Windsor Forest Knolls subdivision;
4. Install advanced pretreatment to the OSDS on the Paragon Property with technology that will reduce nitrogen by seventy percent or better;
5. Limit the house on the Paragon Property to three bedrooms; *and*
6. Record an agreement in land records for the Paragon Property that restricts the house to three bedrooms and requires advanced pretreatment that reduces nitrogen by at least seventy percent until the property is connected to public sewer.

If the property owners are not willing to accept all six requirements, the Health Department will not be able to approve building permits for Windsor Forest Knolls, lots 1 and 2 based on the fact that the wells have been drilled directly downgrade from the platted SDA that was established prior to drilling the wells.

If you feel this is not an accurate assessment of the situation or you have any questions regarding this decision, I may be reached at (410) 313-2651.

Respectfully,

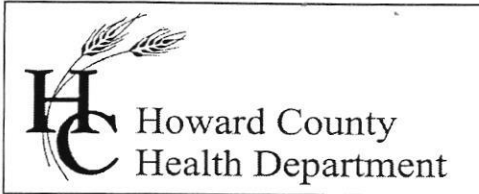


Michael J. Davis, R.S.

Assistant Director

Bureau of Environmental Health

c: File



Bureau of Environmental Health
7178 Columbia Gateway Drive, 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. Beilenson, M.D., M.P.H., Health Officer

March 30, 2012

Ridge View LLC
c/o Richard J. Demmitt
P.O. Box 228
Clarksville, MD 21029

RE: **Variance approval**
Windsor Forest Knolls, lot 1, tax act no. 04-373162
Windsor Forest Knolls, lot 2, tax act no. 04-373170

Mr. Demmitt:

The Health Department has received your variance request dated March 6, 2012 for the above referenced property. Maryland Department of the Environment has accepted our recommendation to approve the following variance requests under the *Code of Maryland Regulations 26.04.02.05 (C)* to allow the wells serving Lots 1 and 2 to be located down grade from the Sewage Disposal Area on the Paragon Property, Parcel A, tax act. No. 04-358945. Due to the landscape position of the sewage area and wells, the request was approved subject to the following conditions:

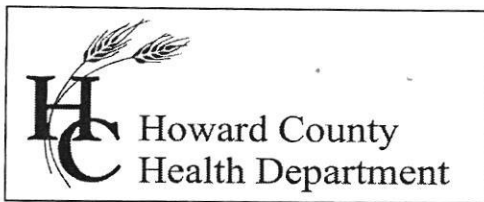
1. Wells HO-95-1028 and HO-95-1029 have been constructed using over 100 feet of steel well casing with over 100 feet of grout.
2. The on-site sewage disposal system (OSDS) on the Paragon Property, Parcel A is designed as a low pressure dosed system.
3. Install a Hoot ANR system or the Nitrex system (used as an add-on to the Advantex) that shall be maintained in perpetuity or until public sewer becomes available; **and**
4. Record an agreement in land records for the Paragon Property that requires operation and maintenance in perpetuity by maintaining a service contract with a certified service provider. The system shall be inspected and have necessary operation and maintenance performed by a certified service provider at a minimum of once per year.

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2651.

Sincerely,

Michael J. Davis
Assistant Director
Bureau of Environmental Health

Maryland Department of the Environment
Steven Krieg, R.S.



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

September 15, 2010

Hunt Club Ventures LLC
5300 Dorsey Hall Drive, Ste. 200
Ellicott City, MD 21042
and
Ridge View LLC
P.O. Box 228
Clarksville, MD 21029

RE: Paragon Property, Parcel A, tax act no. 04-358945
Windsor Forest Knolls, lot 1, tax act no. 04-373162
Windsor Forest Knolls, lot 2, tax act no. 04-373170

Dear Sirs:

This letter is being issued regarding the approval of the revised Perc Certification Plan for the Paragon Property, Parcel A, on September 10, 2010 to relocate the platted 10,000 square foot sewage disposal area (SDA) at least 100 foot from the well boxes serving Windsor Forest Knolls lots 1 and 2. The following general notes were added to the revised Perc Certification Plan.

9. The property owners request the variance in writing;
10. The on-site sewage disposal system (OSDS) is designed as a low pressure dosed system;
11. Relocate the SDA serving the Paragon Property to maintain a minimum of 100 foot of separation from the well boxes on lots 1 and 2 of the Windsor Forest Knolls subdivision;
12. Install a Hoot ANR system or the Nitrex system (used as an add-on to the Advantex) that shall be maintained in perpetuity or until public sewer becomes available; *and*
13. Record an agreement in land records for the Paragon Property that requires operation and maintenance in perpetuity by maintaining a service contract with a certified service provider. The system shall be inspected and have necessary operation and maintenance performed by a certified service provider at a minimum of once per year.

The variance request from Hunt Club Ventures LLC and Ridge View LLC to allow the OSDS on the Paragon Property up gradient of the wells on Windsor Forest Knolls lots 1 and 2 must be provided prior to the issuance of all building permits. Note 11 was resolved with the revised Perc Certification Plan and future recordation of the Paragon Property record plat illustrating the revised SDA. Notes 10 and 12 are requirements that will be illustrated in detail on the plot plan associated with the building permit for the Paragon Property. Note 13 must be completed prior to issuance of the interim certificate of potability that triggers Health Department approval of the Use and Occupancy Permit by the Department of Inspections, Licenses and Permits.

Thank you for your cooperation and resolution to this matter. Please feel free to contact me at (410) 313-2651 with any questions.

Respectfully,

A handwritten signature in cursive script, appearing to read "Michael J. Davis".

Michael J. Davis, R.S.

Assistant Director

Bureau of Environmental Health

c: File

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

Michael Barlow Well Drilling
522 Underwood Lane
Bel Air, MD 21014

Report Date: 01/31/2022
Report Number: 220131111144
Use and Occupancy
PERMIT #:

LAB#- E069561-01 SAMPLE ID- 18402 Hidden Creek Way WELL #
LOCATION- Pressure Tank SAMPLER- R Johnston #0792RJ
DATE SAMPLED- 01/28/2022 TIME SAMPLED- 16:30 CHLORINE- Non detect
DATE RECEIVED- 01/28/2022 TIME RECEIVED- 17:37
DELIVERED BY- R Johnston RECEIVED BY- Stephen Shelley
COMMENTS-

COMMENTS-

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DATA FLAG
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Microbiology by Enviro-Chem

Total Coliform	SM 9223B	01/28/22 18:00	VPS	< 1.0	MPN/100 mL	PASS
E. Coli	SM 9223B	01/28/22 18:00	VPS	< 1.0	MPN/100 mL	PASS

Based on coliform bacteriological standards, at the time of sampling this water was **SAFE** for drinking water purposes.

Wet Chemistry by Enviro-Chem

Nitrate (as N)	EPA 300.0	01/28/22 18:23	FRD	7.11	mg/L	PASS
pH	SM4500-H+B	01/28/22 17:35	SES	5.8	SU	
Sand	EPA 160.5	01/28/22 17:30	SES	< 0.5	ml/L/Hr	
Turbidity	EPA 180.1	01/28/22 17:35	SES	9.1	NTU	

Stephen Shelley
Laboratory Director

Certifications

State of Maryland Laboratory

#192