

B 1	38590	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 557434-N please type	STATE PERMIT NUMBER HO-15-0350 <small>fill in this form completely</small>
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OWNER INFORMATION

Date Received (APA) 10 30 15
8 MM DO YY 13

LAND DESIGN + DEVELOPMENT
15 Last Name Owner First Name 34

5300 DORSEY HALL DR, Suite 102
36 Street or RFD 55

Ellicott City MD 21043
57 Town 70 State 72 Zip 76

LOCATION OF WELL

Howard
8 COUNTY 21

Fairlane Farm
23 SUBDIVISION 42

SECTION 44 LOT 15
44 46 48 50

WOODBINE
52 NEAREST TOWN 71

DRILLER INFORMATION

MICHAEL BARLOW MW D 355
Driller's Name 76 License No. 81

Barlow Well Drilling
Firm Name

522 UNDERWOOD LANE 21014
Address

[Signature] 10/19/15
Signature Date

SOURCES OF DRILLING WATER

1. Well

2.

3.

MORGAN STATION RD
11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD
(CIRCLE APPROPRIATE BOX)

NORTH
WEST SOUTH
EAST

34 1000 37
DISTANCE FROM ROAD
ENTER FT OR MI FT 38 39

TAX MAP: 8 BLK: 2 PARCEL 8

WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED 750
(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

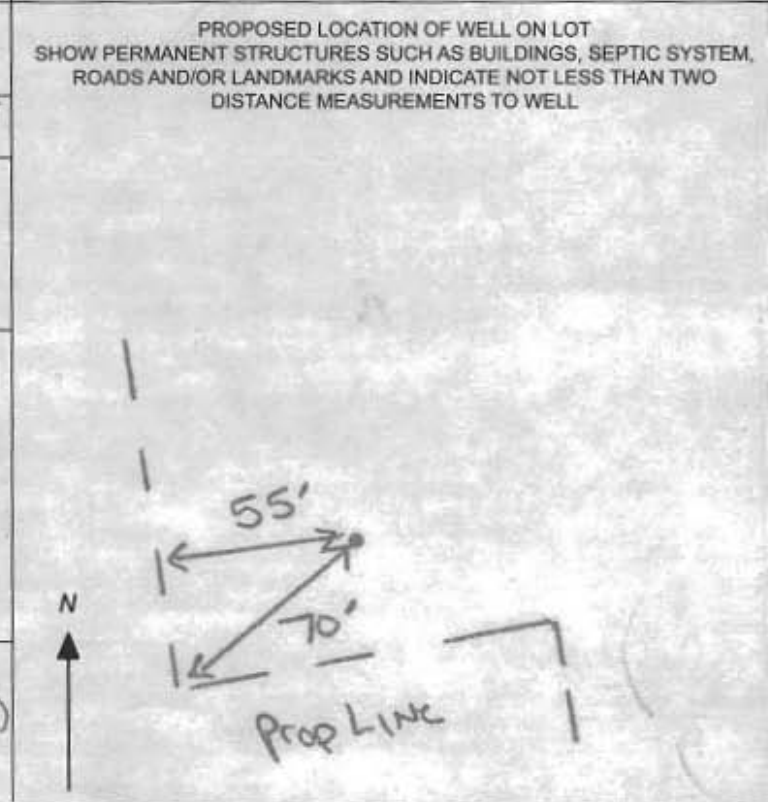
Howard (13) COUNTY NO.

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED 11/16/16 S.L.C.M. 11/16/17
43 MM DO YY 48 CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 360 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)

APPROP. PERMIT NUMBER H02015G004 (01)

PERMIT No. HO-15-0350
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: Robert L. Feezer Co. 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): Russel C. George License# PI0148

***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 #: 410-379-5956
Subdivision: Fairlane Farm Lot #: 15 Well Tag #: HO - 15 - 0350
Site Address: 1011 Fairlane Road
Woodbine, MD 21797

Submersible Pump Data

Make: Franklin
Model #: 5FR184-2W230
Pump Capacity 7 GPM
Well Yield: 10.91 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

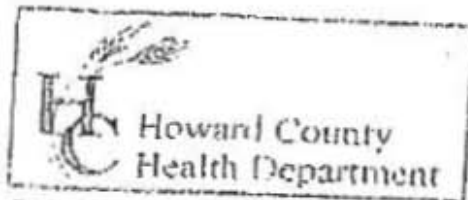
PVC sleeve to undisturbed soil at wall penetration: Yes
Length of sleeve (5' minimum from foundation): 10'
Sleeve sealed properly: Yes

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.

Russell C. George January 11, 2018
Signature of company representative responsible for installation date

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

Date Insp. Requested: 3/8/18 Date Insp. Approved: 3/8/18 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 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 ✓



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(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

Fair Lane Farm
Subdivision

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

- The well site has been staked by Fisher Collins + Carter
(professional land surveyor or company employing professional land surveyors)
on 3/29/16 (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 6/10/03

Well box approved 11/16/16 se

Well box staked by Fisher,
Collins + Carter



DO NOT REMOVE THIS TAG
DEPARTMENT OF THE ENVIRONMENT
WELL PERMIT NUMBER

HO-15-0350

INFORMATION-GIVE NUMBER AND WRITE
1800 WASHINGTON BLVD
BALTIMORE MARYLAND, 21230

WELL EXHIBIT FAIRLANE FARM

PREVIOUSLY KNOWN AS SCHULTE PROPERTY
LOT 15

LOTS 1 THRU 44, BUILDABLE PRESERVATION PARCEL 'A'
AND NON BUILDABLE PRESERVATION PARCEL 'B' THRU 'H'
TAX MAP #8 PARCELS: 8 & 17 GRIDS: 2 AND 3

FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: 1" = 100' DATE: October 13, 2015

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2855

INTERIM CERTIFICATE OF POTABILITY
Expiration Date – NOVEMBER 2, 2018

May 2, 2018

Homeowner
1011 Fairlane Road
Woodbine, MD 21797

RE: Fairlane Farm, Lot 15
1011 Fairlane Road
Building Permit: B17003802
Well Permit: HO-15-0350

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 **4/3/2018**. Final approval of the well line connection to the dwelling was granted on **3/8/2018**. The well construction was completed on **12/9/2016**. Water samples were collected on **4/12/2018**.

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-15-0350. 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>



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

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

In closing, please refer to our "[Homeowner Fact Sheet](#)" which illustrates a better understanding for your Onsite Sewage Disposal System. You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your septic system.

Approving Authority,

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

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 #:	121042	Account #:	1920
Reference:	Fairlane Farm Lot 15	Company:	Robert L Feezer Co- New Homes
Location:	1011 Fairlane Road Woodbine, MD 21797	Requested By:	Rick Cross
Date/ Time Collected:	4/12/2018 0936	Source:	Well Water
Date/Time Rec'd:	4/12/2018 1213	Site:	Pressure Tank
Chlorine ppm:	Free: ND Total: ND	Treatment:	Softener/Neutralizer**
Collected By:	J. Yeager 6176JY	pH:	6.5
		Well #:	HO-15-0350

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223	4/13/2018 / 0900 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223	4/13/2018 / 0900 / CRS
Nitrate	4.62	mg/L	10	601	4/12/2018 / 1550 / RER
Turbidity	1.21	NTU	<10	SM20 2130B	4/12/2018 / 1605 / RER
Sand	NS	mg/L	5	Visual/Gravimetric	4/12/2018 / 1605 / RER

NOTES

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

Reason for Test : Use & Occupancy
 Building Permit # : B17003802

Date Reported: 4/13/2018

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

MEMORANDUM

TO: NV Homes
Jeff Hyde, Superintendent
Sent via email to jhyde@nvrinc.com on 3/20/18

FROM: Sarah Collins, L.E.H.S. SEC
Howard County Health Department
Well and Septic Program

DATE: March 20, 2018

RE: Drywell installations at Fairlane Farm

Several of the drywells installed at lots in Fairlane Farm have do not meet the 25' setbacks to the septic tank and sewage disposal area (SDA). On Lot 16, a drywell cleanout is located 7' from the SDA; on Lot 10, one drywell edge is 13' from the SDA and another is 14' from the septic tank.

The septic permits for all lots in Fairlane Farm will not be approved until the drywells meet the 25' setback from the septic tank and SDA and the 100' setback from the well box. The locations shown on the approved septic system installation site plan meet these setbacks and the drywells should be installed per plan.

Feel free to contact me at 410-313-6287 or SCollins@howardcountymd.gov with any questions.

*Cc: NV Homes, Clint Cagle (ccagle@nvrinc.com)
Tony Fertita - Fisher, Collins & Carter (tonyf@fcc-eng.com)
File*

