

B 1 1042

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 528460 please type

STATE PERMIT NUMBER Ho-95-1582 fill in this form completely

Date Received (APA) 1-28-08

OWNER INFORMATION

Warfield, Jr Kennard P.O. Box 30 Glenelg Md 21737

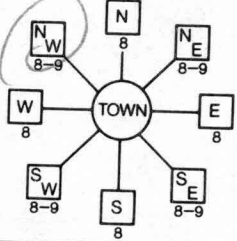
LOCATION OF WELL

Howard COUNTY The Warfields II SUBDIVISION SECTION 2 LOT 63 Dayton NEAREST TOWN 4 MILES FROM TOWN

DRILLER INFORMATION

Joseph L Mayne MS D 024 Joseph L Mayne Well Drilling 5512 Ridge Rd Mt. Airy Md 21776 Signature Date 1-18-08

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Michele Orine NEAR WHAT ROAD ON WHICH SIDE OF ROAD DISTANCE FROM ROAD 25 FT TAX MAP: 21 BLK: 23 PARCEL 114

WELL INFORMATION

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

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME A 517 336 COUNTY NO. STATE SIGNATURE DATE ISSUED 3/7/08 CO SIGNATURE EXP. DATE 3/7/08 NORTH GRID 517 000 EAST GRID 0795 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST TOWN

METHOD OF DRILLING (circle one)

- BORED (or Augered) AIR-ROTary (circled) CABLE other JETTED AIR-PERCussion REVERSE-ROTary Jetted & DRIVEN ROTARY (Hydraulic 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 Ho 2006 G 009 PERMIT No. Ho-95-1582

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 7905 N 5107

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 Casing Depth to be Maximized in accordance Dayton w/ Depths of water bearing fractures to seal off upper strata

**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., Inc. 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): Robert L. Feezer License# 2122

***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: Warfield Estates II Lot #: 8063 Well Tag #: HO - 95 - 1582
Site Address: 14939 Michele Drive
Glenn, MD 21737

Submersible Pump Data

Make: Berkeley
Model #: B7P4MS07221
Pump Capacity 7 GPM
Well Yield: 20 GPM

Pitless Adapter

Make: Campbell
Model#: PT800
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: 220 (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

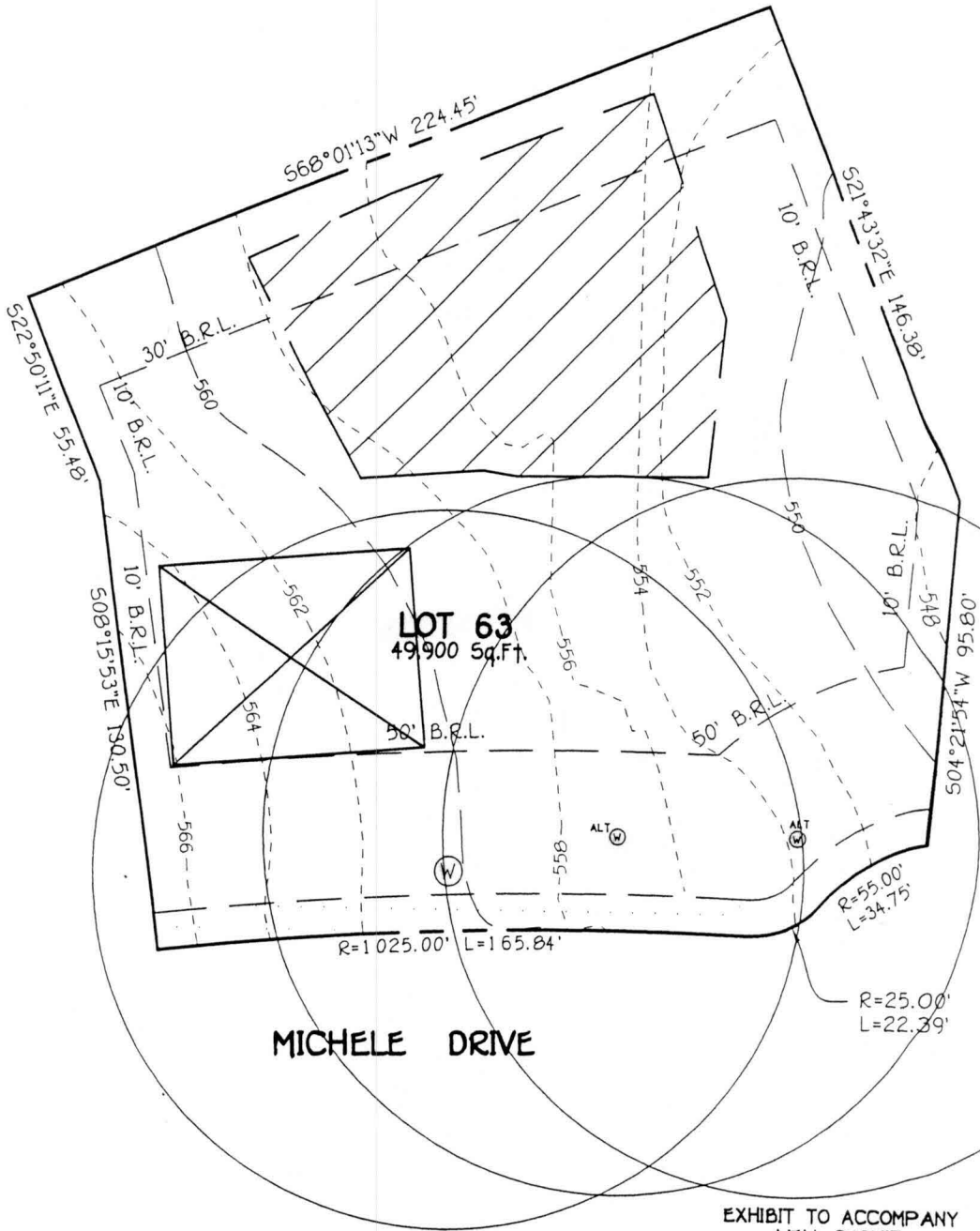
PVC sleeve to undisturbed soil at wall penetration: Yes
Length of sleeve (5' minimum from foundation): 10'
Sleeve sealed properly: Yes

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.

Robert L. Feezer Digitally signed by Robert L. Feezer
DN: cn=Robert L. Feezer, ou=signature@rlfco.com, c=US
Date: 2012.04.12 14:12:54 -0400 April 12, 2012
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: 8/6/2012 Inspector: BB
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



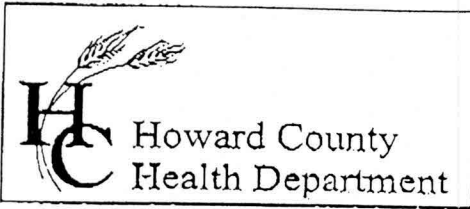
MICHELE DRIVE

LOT 63
49,900 Sq.Ft.

EXHIBIT TO ACCOMPANY
 WELL PERMIT
 LOT 63
 THE WARFIELDS II
 SECTION TWO
 Lots 6 Thru 68,
 Cemetery Open Space Lot 69, And
 Buildable Preservation Parcel 'A' And
 Non-Buildable Preservation Parcels 'B', Thru 'I'
 Tax Map: 21, Grid 23, Parcel: 55
 Tax Map: 27, Grid 5, Parcels: 56, 109 And 144
 Fourth Election District
 Howard County, Maryland
 Date: December 6, 2007
 F-07-040

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

K:\Drawings 3\30310 Warfield Homestead\DWG\30310 Well Exhibit War II Section 2 Lot 63.dwg, 12/11/2007 10:34:10 AM



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:

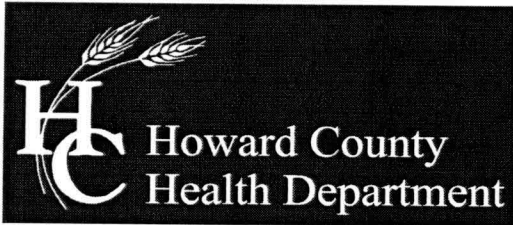
The Warfields II 10 lots Triadelphia Rd
 Subdivision/Property Name Lot# Road Name

The well site has been staked by Fisher Carter Collins
 (professional land surveyor or company employing professional land surveyors)
 on 1-16-2008 (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 3/11/05



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
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

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

INTERIM CERTIFICATE OF POTABILITY
Expiration Date – 6 months from letter date

August 30, 2012

Homeowner
14939 Michele Drive
Glenelg, MD 21737

**RE: Warfields II , Lot #63
14939 Michele Drive
Building Permit: B12001255
Well Permit: HO-95-1582**

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 **7/10/02**. Final approval of the well line connection to the dwelling was granted on **8/06/12**. The well construction was completed on **06/03/08**. Water samples were collected on **8/25/12**.

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-95-1582. 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, REHS/RS
Environmental Sanitarian
Well & Septic Program

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



TRACE LABORATORIES, INC
 5 North Park Drive
 Hunt Valley, MD 21030 USA
 Telephone: 410/584-9099 / Fax: 410/584-9117
 Website: www.tracelabs.com / Email: info@tracelabs.com

Maryland State Certified Laboratory #318

CERTIFICATE OF ANALYSIS

Requester:

Rick Cross
 Robert L. Feezer Company
 6321 Barnett Avenue
 Sykesville, Maryland 21784

S/O Number: 86444

Report Date: August 28, 2012

Property Sampled: 14939 Michele Drive, 21797
Sample Location: Pressure Tank Tap
Residual Chlorine: <0.1 mg/L

Building Permit #: B12001255
Sampler ID #: 4723TL
Samples Iced: Yes

County: Howard
Map: 27

Subdivision: The Warfields II S2 RSB
Parcel: 114 **Lot #:** 63

Date/Time Collected in Field: August 27, 2012 @ 11:39 am
Date/Time Received in Lab: August 27, 2012 @ 1:35 pm

Well Tag #: HO-95-1582
Well Condition: 2-Piece Cap, Satisfactory

Water Treatment/Conditioning: Softener, Neutralizer

PARAMETER	METHOD	MCL/*SMCL	RESULT	PASS/FAIL
Total Coliform	SM 9223B	Absent	Absent	Pass
<i>E. coli</i>	SM 9223B	Absent	Absent	Pass
Nitrate	SM 4500D	10 mg/L as N	9.6 mg/L as N	Pass
Turbidity	EPA 180.1	10 NTU	<1.0 NTU	Pass
pH	EPA 150.1	*6.5-8.5 Units	6.4 Units	***
Sand		Absent	Absent	Pass

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 Trace Laboratories Inc.

OK
 DB
 8-30-12

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.