

C1 2028

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER A517 336

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 320

6/12/08

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-95-1593

OWNER Warfield Jr, Kennard; STREET OR RFD Michele Dr; TOWN Layton; SUBDIVISION The Warfields II; SECTION 2; LOT 54

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Sand (0-44) and Gray Mica Rock (44-320).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N); TYPE OF GROUTING MATERIAL (Cement/Bentonite Clay); NO. OF BAGS; NO. OF POUNDS; GALLONS OF WATER; DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (ST/PL); Nominal diameter; Total depth of main casing

OTHER CASING (if used) diameter, depth

SCREEN RECORD

screen type or open hole (ST/BR/PL/HO/OT); SLOT SIZE

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, R, E, E, N and depth values (48, 320)

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST

HOURS PUMPED (3); PUMPING RATE (20); METHOD USED TO MEASURE PUMPING RATE (Bucket); WATER LEVEL (42/43); TYPE OF PUMP USED (submersible)

PUMP INSTALLED

DRILLER INSTALLED PUMP (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

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

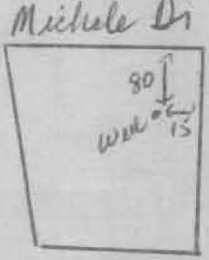
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE (2) (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)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A (Well abandoned and sealed), E (Electric log obtained), P (Test well converted to production well)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. 1 MS D024

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 D

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

B 1 **1038**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

528461 please type

40-95-1573 fill in this form completely

Date Received (APA)

8-28-08

OWNER INFORMATION

Warfield, Jr Kennard

P.O. Box 30 Street or RFD

Alensely Md 21737

B 3 LOCATION OF WELL

8 COUNTY Howard

23 SUBDIVISION The Warfield II

SECTION 2 LOT 54

52 NEAREST TOWN Dayton

4 MILES FROM TOWN

DRILLER INFORMATION

Joseph L Mayne M S D 024

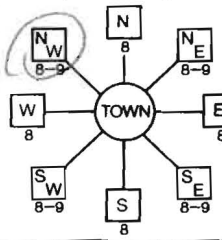
Joseph L Mayne Well Drilling

5512 Ridge Rd Mt Airy Md 21778

Joseph L Mayne 1-18-08

B 4

DIRECTION OF WELL FROM TOWN



Michele Drive

ON WHICH SIDE OF ROAD

34 100 37

DISTANCE FROM ROAD ENTER FT OR MI

TAX MAP: 21 BLK: PARCEL 114

B 2 WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN.

AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 A517336

COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S

DATE ISSUED 3/10/08

CO SIGNATURE EXP. DATE NORTH GRID 517 000 EAST GRID 0795 000

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

GEO-THERMAL

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING

BORED (or Augered) JETTED Jetted & DRIVEN

AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)

CABLE REVerse-ROTary DRive-POINT

REPLACEMENT OR DEEPEMED WELLS

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

Not to be filled in by driller

APPROX. PERMIT NUMBER 402006-G-009

PERMIT No. 40-95-1573

SPECIAL CONDITIONS Drill well @ NE Part of well Box First.

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

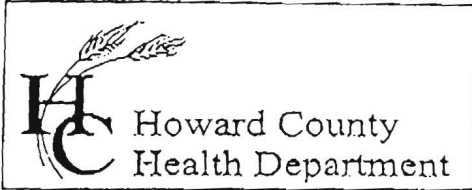
E 07965

N 5177

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

N





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 Warfield II 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, Tranquillia Rd
 Subdivision/Property Name Lot# Road Name & Michelle Dr.

The well site has been staked by Fisher Collins Carter
 (professional land surveyor or company employing professional land surveyors)
 on Jan 5, 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

K:\Drawings 3\30310 Warfield Homestead\DWG\30310 Well Exhibit War II Section 2 Lot 54.dwg, 12/10/2007 3:52:46 PM

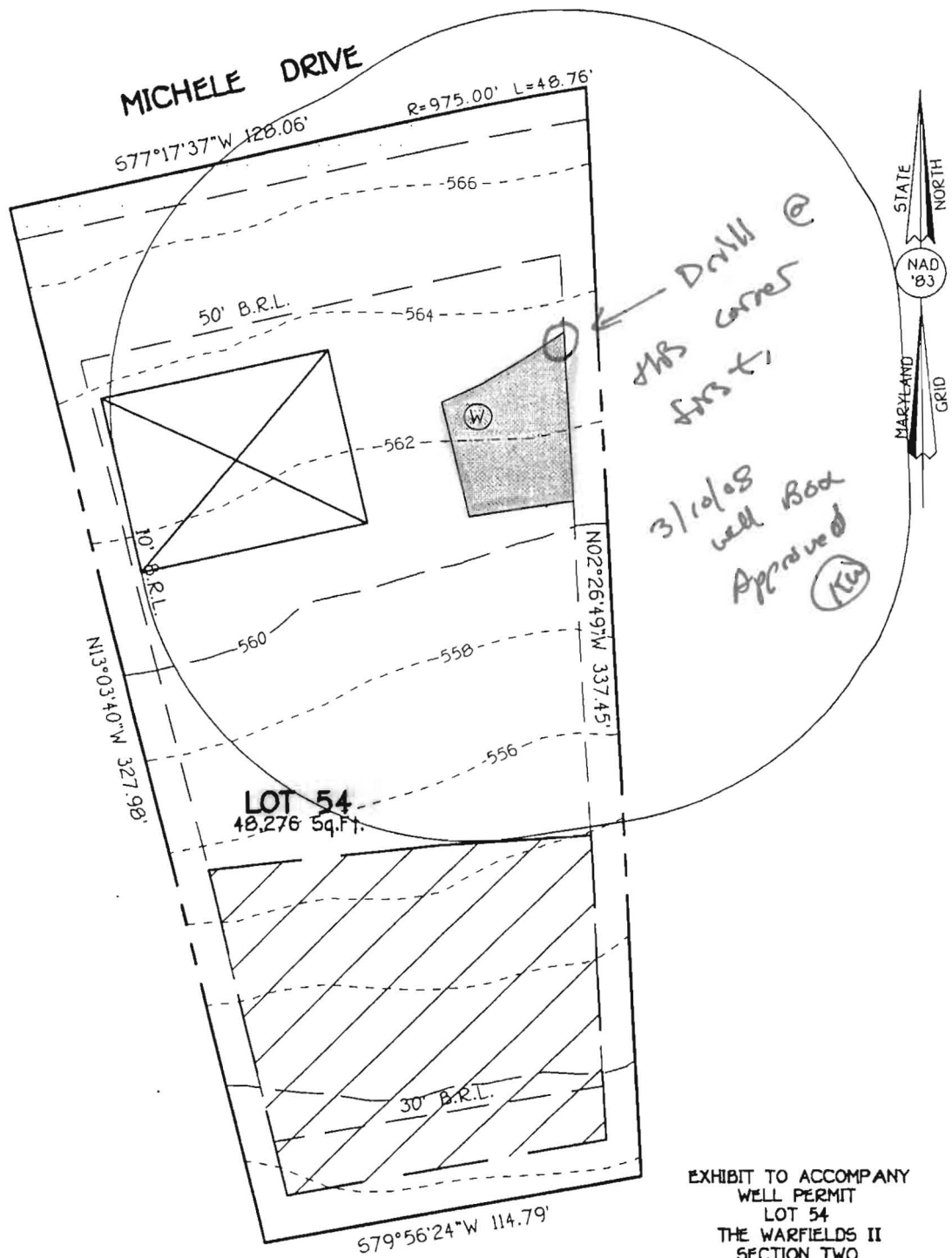
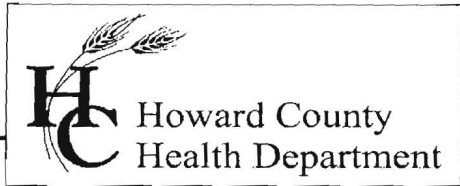


EXHIBIT TO ACCOMPANY
 WELL PERMIT
 LOT 54
 THE WARFIELDS II
 SECTION TWO
 Lots 6 Thru 68,
 Cemetery Open Space Lot 69, And
 Buildable Preservation Parcel 'A' And
 Non-Buildable Preservation Parcels 'B', Thru 'I'
 Tax Map: 21, Grid 23, Parcel: 55
 Tax Map: 27, Grid 5, Parcels: 56, 109 And 144
 Fourth 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
 410.461.2855



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

September 7, 2011

Homeowner
14930 Michele Drive
Glenelg, MD 21737

RE: Warfields II, Lot 54
14930 Michele Drive
BP #: B11000598
Well Tag: HO-95-1573

Dear Sir:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 08/12/2011. Final approval of the well line connection to the dwelling was approved on 07/12/2011.**

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. The water sample results were found to be in compliance with COMAR water quality standards.

Enclosed with this certificate, is a copy of the septic permit and the as-built along with important information regarding the use and maintenance of your septic system. Please read through carefully and thoroughly. Any questions regarding your well and/or septic, please call this office for guidance 410-313-1771.

INTERIM CERTIFICATE OF POTABILITY

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-95-1573. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. In addition to this, a second nitrate sample should be tested at the time of second bacteriological test. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Samples: 08/22/2011
Date of Well Completion: 05/30/2008

Approving Authority,



Brian Baker, R.S.
Environmental Sanitarian
Well & Septic Program

cc: Building Inspector's Office
Community Hygiene
File

Water Testing Laboratories

P.O. Box 712
Stevensville, MD 21666
410-643-7711

of Maryland, Inc.

N V R Homes
6085 Marshalee Drive, Suite 130
Elkridge, MD 21075

Reporting Date: 8/25/2011
Report #: K7492

Submitted Sample Address: 14930 Michele Drive
Glenelg, MD 21737
Submitted Sample Source: Holding tank
Date / Time Collected: 8/22/2011 11:00 AM
Sample Type: Drinking Water
Sampler/Company: D. Pitts 4322DP, WTL of MD
Field Record: Chlorine residual: Absent Clear when drawn
Well #: HO-95-1573
Permit #: B11000598

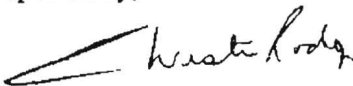
Analytical Results

Parameter	Result	Units	Report Limit	MCL	Analytical Method
Total Coliforms	Absent	Coliforms/100 ml	Present/Absent	Present	SM 9223B
<i>E. Coli</i>	Absent	Coliforms/100 ml	Present/Absent	Present	SM 9223B
Nitrates + Nitrites	ND	mg/L	1.0	10	EPA 353.2
Sand	Absent	P/A	Present/Absent	Present	Visual
Turbidity	ND	NTU	0.5	10	SM 2130B
pH	7.8	SU	0.1	6.5-8.5 (SMCL)	SM 4500 H ⁺ B

Notes:

1. Bacteriological analysis of this sample indicates this water is safe for human consumption.
2. MCL is EPA's maximum contaminant level under primary drinking water regulations. SMCL is secondary maximum contaminant level and is the aesthetic quality only. If your result is above any MCL or SMCL, you may want to consider a water treatment system or a new well. Please check your local regulations for any restrictions or additional limits.
3. ND - Not Detected.
4. Sample received and examined within EPA's recommended holding time
5. Analyzed by Lab 214.
6. SM - Greenberg, Clesceri and Eaton, *Standard Methods for the Examination of Water and Wastewater*, 21st Ed.

Reported by,



C. Rodgers, Customer Service Representative

Reviewed by: _____