C 1 3158 (MDE USE ONLY)	STATE OF MARYLAND	45 DAYS AFTER WELL IS COMPLETED.
1 2 3 6	WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY	COUNTY A 517336
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	PLEASE TYPE	
ST/CO USE ONLY DATE WELL COMPLE DATE Received MM DD YY	22 26 7	FROM "PERMIT TO DRILL WELL"
MM DD YY 2 12 2	(TO NEAREST FOOT)	28 29 30 31 32 33 34 35 36 37
OWNER Warfield In	Kennard	0
STREET OR RFD Jast flame dolphis	2 /600	Vayton LOT_14
SUBDIVISION The Warfield	GROUTING RECORD Yes no	C 3
WELL LOG Not required for driven wells	WELL HAS BEEN GROUTED Y	1 2 PUMPING TEST
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL (Circle one)	HOURS PUMPED (nearest hour)
COLOR, DEPTH, THICKNESS AND IF WATER SEATING DESCRIPTION (Use FEET If water	CEMENT CM BENTONITE CLAY BC	8.6
additional sheets if needed) FROM TO bearing	NO. OF BAGS 45 /8 NO. OF POUNDS 45 46 2	PUMPING RATE (gal. per min.)
Sand Stone 0 22 Wester	GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)	METHOD USED TO MEASURE PUMPING RATE Bucket
- dien Stone	from 0 ft. to 63 ft.	WATER LEVEL (distance from land surface)
Cray Mica Rock 22 64 69	(enter 0 if from surface)	BEFORE PUMPING 70 ft.
0 464 560 V	casing types CASING RECORD	
Onay Mica Kook	insert appropriate STEEL CONCRETE	WHEN PUMPING $\frac{199}{22}$ ft.
	code below PLASTIC OTHER	TYPE OF PUMP USED (for test)
	National diseases. Total depth	A air P piston T turbine
	CASING top (main) casing of main casing (nearest inch)!	C centrifugal R rotary O (describe
	St 6 66	27 27 Delow)
	60 61 63 64 66 70	J jet Submersible
	E OTHER CASING (if used) A diameter depth (feet) C inch from to	
	C inch from to	PUMP INSTALLED DRILLER INSTALLED PUMP VES NO
	8	(CIRCLE) (YES or NO)
	R G	IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
	screen type SCREEN RECORD	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) 29
	or open hole ST BR HO	IN BOX 29. CAPACITY:
	appropriate BRONZE HOLE	GAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
	below PLASTIC OTHER	PUMP HORSE POWER
	C 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH
NUMBER OF UNSUCCESSFUL WELLS:	DEPTH (nearest π.)	(nearest ft.) 43 47
yes no	E 8 9 11 15 17 21	CASING HEIGHT (circle appropriate box and enter casing height)
	C 2 30 32 36	LAND SURFACE
CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED	S 24 20 55 55	below (nearest) foot)
E ELECTRIC LOG OBTAINED	C 3 R 38 39 41 45 47 51	49 50 51
P TEST WELL CONVERTED TO PRODUCTION WELL	E SLOT SIZE 1 2 3	LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN		BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS
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	56 60 mm	THAN TWO DISTANCES (MEASUREMENTS TO WELL)
KNOWLEDGE.	from to 1979	1,6.
DRILLERS LIC. NO. 1 M S D 024 1	GRAVEL PACK IF WELL DRILLED WAS EL ONING WELL	- 30
DRILLERS SIGNATURE	WAS FLOWING WELL INSERT F IN BOX 68 68	36
(MUST MATCH SIGNATURE ON APPLICATION)	MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)	1 / 15 well
LIC. NO.1 D '	T (E.R.O.S.) W Q	\$ ₹350
OUTS OUDSDIVISOD (size of delles or journoumen	70 72 74 75 76	315
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	TELESCOPE LOG INDICATOR OTHER DATA	

B 1 1098 SEQUENCE NO. STATE OF	MARYLAND	STATE PERMIT NUMBER
	ERMIT TO DRILL WELL	40-95-1510
	se type	70 fill in this form completely 79
Date Received (APA)	B 3	LOCATION OF WELL
OWNER INFORMATION	Howard	
8 MM DD YY 13 -	8 COUNTY	21
15 Last Name Owner First Name 34	23 SUBDIVISION	42
P.O. BOX30	SECTION	LOT _ / 4_
36 Street or RFD 55	44 46	48 50
Alenela md 21737	Day	ton
57 Town 70 State 72 Zip 76 DRILLER INFORMATION	52 NEAREST TOWN /	71
Joseph & Mayne M S DO24	MILES FROM TOWN (enter	70 if in town) 73 76 77 78
Driller's Name 76 License No. 81	B 4	
Joseph & Mayne Well Drilling	1 2 DIRECTION OF WELL FROM	Triadelphia Rd
First Name	TOWN (CIRCLE BOX)	11 NEÃR WHAT ROAD 30
Address	N N NE	ON WHICH SIDE OF ROAD
hand & marson 12-10-2009	E 8-9	(CIRCLE APPROPRIATE BOX)
Signature Date	W TOWN E	34 40 37 SOUTH
B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE	8	DISTANCE FROM ROAD
(GAL. PER MIN.) 8 12	S _W S _E	ENTER FT OR MI 38 39
AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY) 14 20	8-9 S 8-9	TAX MAP: 27 BLK: 23 PARCEL 1/4
USE FOR WATER (CIRCLE APPROPRIATE BOX)		BE FILLED IN BY DRILLER
DOMESTIC POTABLE SUPPLY & RESIDENTIAL	HEALTH	DEPARTMENT APPROVAL
IRRIGATION	Howard	(13) H 377 336
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION	COUNTY NAME STATE	COUNTY NO.
22 I INDUSTRIAL, COMMERICIAL, DEWATERING	SIGNATURE DATE/ISSUED	INSERT S ——
P PUBLIC WATER SUPPLY WELL	1/18/08 /	him Warf_1/18/09
T TEST, OBSERVATION, MONITORING	43 MM DD YY 48	CO SIGNATURE EXP. DATE EAST
G GEO-THERMAL	NORTH 5/4 0 (0 0 GRID 7 9 4 0 0 0 55 63
	SHOW MAJOR FEATURES	OF
APPROXIMATE DEPTH OF WELL 300 FEET	BOX & LOCATE WELL '_	<u> </u>
24 28	WITH AN X SOURCES OF DRILLING W	ATER
APPROXIMATE DIAMETER OF WELLNEAREST INCH	1. Well	8
METHOD OF DRILLING (circle one)	2. 3.	
BORED (or Augered) JETTED Jetted & DRIVEN	3.	m
30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)	WRITE THE BOX NUMBER	
A CABLE REVerse-ROTary DRive-POINT	FROM THE MAP HERE	
other	790	4
REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)		000
THIS WELL WILL NOT REPLACE AN EXISTING WELL	N 519	7
THIS WELL WILL REPLACE A WELL THAT WILL BE	The second secon	SHOWING LOCATION OF WELL IN
ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED		WNS AND ROADS AND GIVE NEAREST ROAD JUNCTION
S AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS		10.
D THIS WELL WILL DEEPEN AN EXISTING WELL		Wit - well
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41 - 52	N	
Not to be filled in by driller (MDE OR COUNTY USE ONLY)	1:00	W
APPROP. PERMIT NUMBER #0 2006 G 009	***	NX 1 V
		A. W.
PERMIT No. 140 - 95 - 15/6 70 71 72 73 74 75 76 77 78 79	10	W Daylon
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED. MEMORY	andum)	M

@ COLINTY

DENV-Permit 97

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 7	#: 410-781-4655
Address:			
	Sykesville, MD 21784		
License # and nar Name (Print): Rol	bert L. Feezer	Licensed Well Driller sible for the field installation:	Licensed Well Pump Installer License# 2122
*A licensed indi	vidual must perform t	he actual installation. Appr	entices must be under the supervision of a
			iller. Licenses may be subjected to field
verification. Un	licensed individuals m	ay be reported to the approp	oriate licensing agency.
	Owner: NV Homes		one #: 410-379-5956
	rfield Estates II	Lot #: <u>801</u>	4Well Tag #: HO - 95 1510
Site Address: 145			
Gle	nelg, MD 21737		
<u>Submersible Pur</u>	mp Data	Pitless Adapter	Well Cap and Electric Conduit
Make: Berkeley	· ·	Make: Boshart	Two piece watertight cap: Yes
Model #: B5P4MS1		Model#: P-100-SS	Screened, vented well cap: Yes
Pump Capacity 5		Depth:(36" min)	Cap secured to casing: _Yes
Well Yield: 8.5	GPM	NSF/WSC approved: Yes	Conduit min 18" B.G.: Yes
	countered at time of pur		Conduit secured to well cap: Yes
			red by NSPC 1990 Section 17.8.4
		acceptable method used– Must	
Safety rope, if us	sed, attached to brass	rope adapter or other accept	able method <u>inside of well casing</u> N/A
Dining to house		House Connection	
Piping to house Type: Poly			l soil at wall penetration: Yes
PSI: ²⁰⁰ (160 p	oci min)	Length of sleeve(5' minimum	
Depth of supply l		Control of the Contro	
Depui of supply i	ine (30 min)	Siecve scaled property.	
distribution box	, drainfields, and sewa	e at least ten feet from the sep age reserve area. If this <u>cann</u>	otic tank, pump chamber, sewage piping, not be accomplished, contact this office for
approval prior t	Access to the Control of Control	•	lung 27, 2012
Harry W. Forman	Laplace agrains by Transport - Communication - Chicamber - Chica		June 27, 2012
Signature of com	pany representative resp	ponsible for installation	date
	For Health Depar	rtment Use Only - Not to be	completed by Installer
		-1 1	(00)
Date Insp. Reque	sted:l	Date Insp. Approved: 9/7/8 ght & water supply line at least	20/2 Inspector: (13/3)
inspection Data.		d and attached to casing secure	
		at least 18" below grade/attache	ed to cap property
	Safety rope not outside		ve finished grade
		ed properly and casing 8" above	
		ved adequately at house connected below pitless adapter	CHOII
	Adequate grout observ	ed below piliess adapter	

HOWARD COUNTY HEALTH DEPARTMENT

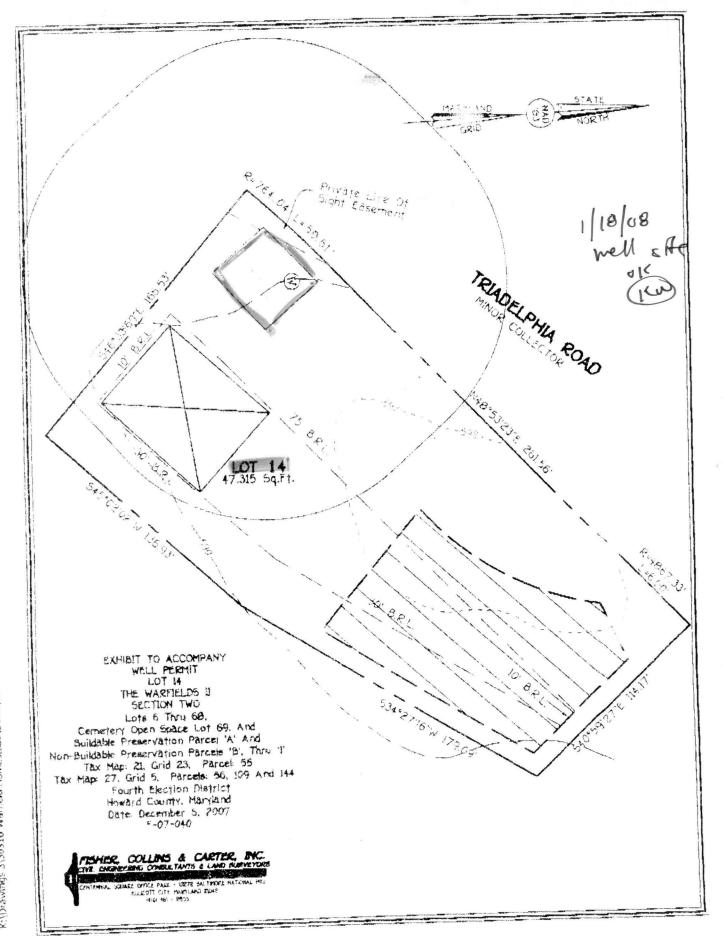
BUREAU OF ENVIRONMENTAL HEALTH WELL & SEPTIC PROGRAM

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.	Telepl	none#:	410-781-4655
	6321 Barnett Avenue			
	Sykesville, MD 21784			
License # and nan Name (Print): Rol	bert L. Feezer	Licensed Well Driller sible for the field installa	tion:	Licensed Well Pump Installer License# 2122
licensed journey	man or master plumb		ell drill	ntices must be under the supervision of ler. Licenses may be subjected to field intellicensing agency
vermeation. On	neensed marviduais in	ay be reported to the ap	ргорг	face needsing agency.
Name of Property	Owner: NV Homes	Te	elephor	ne #: 410-379-5956
Subdivision: Wa		Lot	#: 8014	Well Tag #: HO - 95 - 1510
Site Address: 145	67 Triadelphia Road			
Gle	nelg, MD 21737			
Submersible Pur	mp Data	Pitless Adapter		Well Cap and Electric Conduit
Make: Berkeley		Make: Boshart		Two piece watertight cap: Yes
Model #: B5P4MS1		Model#: P-100-SS		Screened, vented well cap: Yes
Pump Capacity 5		Depth: 42" (36" m		Cap secured to casing: Yes
Well Yield: 8.5	GPM	NSF/WSC approved:Y		Conduit min 18" B.G.:_Yes
Depth of well end	countered at time of pun	np installation: 560		Conduit secured to well cap: Yes
				ed by NSPC 1990 Section 17.8.4
		acceptable method used-		
Safety rope, if us	sed, attached to brass i	ope adapter or other a	cceptal	ble method <u>inside of well casing</u> N/A
Dining to house		House Connection		
Piping to house Type: Poly		House Connection	urbed	soil at wall penetration: Yes
	osi min)	Length of sleeve(5' m		
Depth of supply l				
Depth of supply i	me (50 mm)	Sieeve sealed proper		
The water suppl	y line is required to be	at least ten feet from tl	ie sent	ic tank, pump chamber, sewage piping
distribution box	drainfields, and sewa	ge reserve area. If this	canno	ot be accomplished, contact this office for
approval prior t		B		<u></u>
Harry W. Forman	Clipfully algored by Houry W. Forenze. DN: cn+Houry W. Forenze. s. no. erro Delar 2012.06.27.10.42.16.0400	all-thomorogiffwoor.com, c4US	Ju	une 27, 2012
Signature of com	pany representative resp	onsible for installation	(date
	For Health Depar	tment Use Only – Not t	o be co	ompleted by Installer
		*		
Date Insp. Reque	sted: I	Date Insp. Approved:		Inspector:
Inspection Data:		ht & water supply line at		
		l and attached to casing s		
		t least 18" below grade/a	ttached	d to cap properly
	Safety rope not outside			
		ed properly and casing 8'		
		ed adequately at house c	onnect	ion
	Adequate grout observe	ed below pitless adapter		





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

<u>INTERIM CERTIFICATE OF POTABILITY</u> Expiration Date – March 12th, 2013

September 12th, 2012

Homeowner 14567 Triadelphia Rd Glenelg, MD 21737

RE: The Warfields II, Lot 14

14567 Triadelphia Rd

Building Permit: B12001596 Well Permit: HO-95-1510

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 8/6/2012. Final approval of the well line connection to the dwelling was granted on 9/7/2012. The well construction was completed on 2/12/2008. Water samples were collected on 9/7/2012.

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-95-1510. 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,

Heidi Scott, R.S.

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:

S/O Number: 86546

Rick Cross

Report Date: September 10, 2012

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

Property Sampled:

14567 Triadelphia Road, 21797

Building Permit #:

B12001596

Sample Location:

Pressure Tank Tap

METHOD

SM 9223B

SM 9223B

SM 4500D

EPA 180.1

EPA 150.1

Sampler ID #:

4723TL

Residual Chlorine:

<0.1 mg/L

Samples Iced:

Yes

County:

Howard

Subdivision:

The Warfields II S 2 RSB

Map:

Parcel:

114

Lot #:

14

Date/Time Collected in Field: Date/Time Received in Lab:

September 7, 2012 @ 10:15 am September 7, 2012 @ 1:14 pm

9-12-12

Well Tag #:

HO-95-1510

Well Condition:

PARAMETER

Total Coliform

E. coli

Turbidity

Sand

Nitrate

pH

2-Piece Cap, Satisfactory

Results OK

Water Treatment/Conditioning:

Softener, Neutralizer

RESULT	PASS/FAIL
Absent	Pass
Absent	Pass
8.6 mg/L as N	Pass
<1.0 NTU	Pass

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.

MCL/*SMCL

Absent

Absent

10 mg/L as N

*6.5-8.5 Units

10 NTU

Absent

Katherine C. Higgs

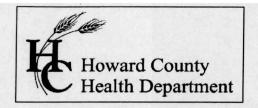
7.0 Units

Absent

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.



Bureau of Environmental Health 7178 Gateway Drive Columbia, MD (410) 313-2640 Fax (410) 313-26

TDD (410) 313-2323

Columbia, MD 21046 Fax (410) 313-2648 Toll Free 1-866-313-6300

website: www.hchealth.org

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

Friday, January 18, 2008

MEMORANDUM

IMPORTANT

To: WELL DRILLER, FILE

From: Kevin Wolf, Sanitarian

Well and Septic Program

Re:

The Warfield's II (F-07-040)

Lot's 6-14

In order to preserve the quality of ground drinking water, a special condition has been set for wells of lots 6 though 14 for the above referenced property. This condition requires the driller to seal off the upper strata by placing a certain amount of casing to the approximate depth below the very first water-bearing fracture OR a minimum of 75 feet (which ever comes first). For example, if you hit a water-bearing fracture at 53 feet, then there should be at least 55 feet of casing or enough casing to get below that fracture. Any deviations to this condition are to be prior approved by the Health Department.